

**SOAH DOCKET NO. 582-09-2895
TCEQ DOCKET NO. 2008-1305-MWD**

**APPLICATION OF FARMERSVILLE
INVESTORS, L.P. FOR TPDES PERMIT
NO. WQ0014778001**

§
§
§
§

**BEFORE THE STATE OFFICE
OF
ADMINISTRATIVE HEARINGS**

**PROTESTANTS JAMES A. AND SHIRLEY MARTIN'S
MOTION TO REOPEN THE RECORD FOR THE LIMITED PURPOSE OF OFFERING
THE FINAL FEASIBILITY REPORT**

**TO THE HONORABLE COMMISSIONERS OF THE TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY:**

James A. and Shirley Martin, Protestants in the above styled matter, move to reopen the record for the limited purpose of offering into evidence as Martin Exhibit 40 the final Lavon Lake East Side Regional Wastewater System Feasibility Report ("Report"). A copy of this Report is provided as Attachment 1.

I. GOOD CAUSE FOR LATE OFFER

This Report on regionalization was not completed and available until after the record in this proceeding was closed on January 29, 2010.¹

Regionalization was an issue that was referred to SOAH. The draft of this report is in the record and was referenced by the parties in argument and exceptions. The draft report has been entered into the record as Applicant's Exhibit 2, KK8 and Executive Director's Exhibit 17.

This Report was scheduled to be completed before the record closed. Why it was not is not known. It was under the control of Applicant and North Texas Municipal Water District ("NTMWD"), possibly others, but not Protestants.²

Protestants do not seek to offer any other evidence, request additional time or file additional

¹ *Proposal for Decision*, page 4.

² But for the delay caused by Applicant in refusing to cooperate with NTMWD on regionalization, it could have been complete some months if not years ago.

exceptions.

II. IMPORANCE OF THE DOCUMENT

The Report confirms the feasibility of regionalization of the proposed facility.

The current evidence has the draft report, which is substantially the same the final report. Having it in the record, will however, allows the Commission to make its decisions based on a final, rather than draft, report. Both find the new NTMWD regional plant feasible. Thus, with the final report in the record, there is no question as to whether a final report will or will not come to the same opinion as the draft.

The Report is one the Commissioners should have available to them since it is now complete.

Regionalization is a critical issue and this Report is the critical and decisive document on regionalization for Applicant's needs.

This motion is made pursuant to 30 Tex. Admin. Code §80.265, which allows the Commission to order the Administrative Law Judge to reopen the record to allow this document into the record.

III. AUTHENTICITY OF THE DOCUMENT

The Report (Attachment 1) was obtained by Protestant through the open records request to the North Texas Municipal Water District. See Attachment 2. When Protestants requested that a certified copy be provided, the NTMWD provided the email shown in Attachment 3. Protestants have again asked for a certified copy, which they would offer as a replacement for Attachment 1 when it is provided.

PRAYER

WHEREFORE, PREMISES CONSIDERED, Protestants pray that the Commission reopen the record for the limited purpose of admitting this document into the record as an official record of the final Lavon Lake East Side Regional Wastewater System Feasibility Report.

Respectfully Submitted,

**LOWERRE, FREDERICK, PERALES,
ALLMON & ROCKWELL**

707 Rio Grande, Suite 200

Austin, Texas 78701

Phone: (512) 469-6000 Facsimile: (512) 482-9346

By:



Richard W. Lowerre

State Bar No. 12632900

For Protestants James and Shirley Martin

CERTIFICATE OF CONFERENCE

I certify that my office has conferred with all parties. The Executive Director and Office of Public Interest Council have indicated that they do not oppose this motion. Applicant has indicated that it **does oppose** this motion.



Richard W. Lowerre

CERTIFICATE OF SERVICE

I hereby certify by my signature, below, that on April 20, 2010, the foregoing **Protestants James A. and Shirley Martin's Motion to Reopen the Record** was served on all parties listed below via facsimile transmission and/or by deposit in the United States Mail. In addition, original and seven copies have been served upon the Chief Clerk.



Richard W. Lowerre

Facsimile: (512) 472-0532

Mr. Brad B. Castleberry & Jeffery Reed
Lloyd, Gosselink, Rochelle & Townsend, P.C.
816 Congress Avenue, Suite 1900
Austin, Texas 78701

Facsimile: (512) 239-0606

Ms. Kathy Humphreys
Environmental Law Division, MC-173
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, Texas 78711-3087

Facsimile: (512) 239-6377

Ms. Amy Swanholm
Public Interest Counsel, MC-103
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, Texas 78711-3087

Facsimile: (512) 475-4993

The Honorable Sharon Cloninger
Administrative Law Judge
P.O. Box 13025
Austin, Texas 78711-3025

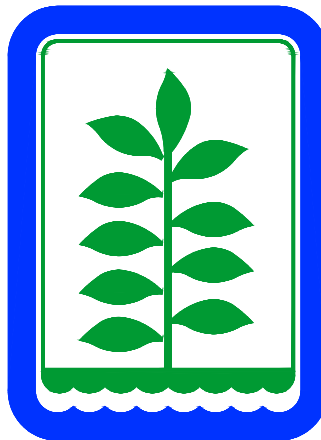
Facsimile: (512) 239-3311

Ms. LaDonna Castañuela
Office of the Chief Clerk, MC-105
Texas Commission on Environmental Quality
Austin, Texas 78711-3087

Attachment 1

WASTEWATER FEASIBILITY REPORT
LAVON LAKE EAST SIDE
REGIONAL WASTEWATER SYSTEM
CITIES OF FARMERSVILLE, WYLIE, LAVON & NEVADA

Submitted To The

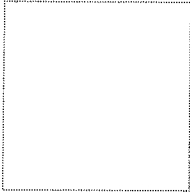


North Texas Municipal Water District

Submitted By

BIRKHOFF, HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS
DALLAS, TEXAS

February 2010



BIRKHOFF, HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS

11910 Greenville Ave., Suite 600

Dallas, Texas 75243

Fax (214) 461-8390

Phone (214) 361-7900

JOHN W. BIRKHOFF, P.E.
GARY C. HENDRICKS, P.E.
JOE R. CARTER, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.
ANDREW MATA, JR., P.E.

February 1, 2010

Mr. Mickey Butler
Senior Planning Analyst
North Texas Municipal Water District
P.O. Box 2408
Wylie, Texas 75098

Re: Feasibility Study - Lavon Lake East Side Regional Wastewater System

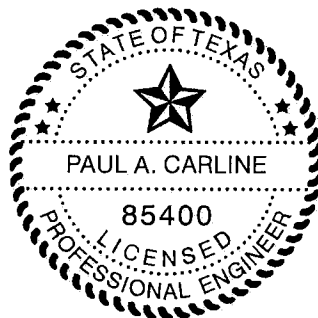
Dear Mr. Butler:

Presented herein are the results of the Lavon Lake East Side Regional Wastewater System Feasibility Study. This study was performed to provide an evaluation of four options for collecting and treating wastewater generated by the cities of Farmersville, Wylie, Lavon and Nevada.

A workshop was held with the cities on September 2, 2009 to discuss the four options. At the workshop, the cities arrived at the consensus that option 4 would best benefit the cities. This option consists of a wastewater treatment plant located on Elm Creek to serve the Cities of Farmersville and Wylie and a wastewater treatment plant located on Bear Creek to serve the Cities of Lavon and Nevada. Providing two regional wastewater treatment plants requires fewer transmission facilities to convey flows for treatment. The associated capital, operation and maintenance and debt service costs for this option are included in the report.

We certainly enjoyed working with your staff on this study and are available to discuss it further at your convenience.

Enclosure



Sincerely yours,

Paul A. Carline, P.E.

TABLE OF CONTENTS

	<u>Page No.</u>
INTRODUCTION	2
PLANNING AREA	2
▪ Planning Area Map	
REUSE OPPORTUNITIES IN THE PLANNING AREA	2
PLANNING CRITERIA	4
POPULATION PROJECTIONS	5
AVERAGE WASTEWATER FLOW PROJECTIONS	6
PEAK WASTEWATER FLOW PROJECTIONS	7
OPTION 1: REQUIRED INFRASTRUCTURE	8
▪ Map of Required Improvements	
OPTION 2: REQUIRED INFRASTRUCTURE	11
▪ Map of Required Improvements	
OPTION 3: REQUIRED INFRASTRUCTURE	14
▪ Map of Required Improvements	
OPTION 4: REQUIRED INFRASTRUCTURE	17
▪ Map of Required Improvements	
OPINIONS OF CAPITAL AND O&M COST	20
▪ Option 1	
▪ Option 2	
▪ Option 3	
▪ Option 4	
RECOMMENDATION	22
CONSENSUS OPTION – DEBT SERVICE AND O&M	22
SCHEDULE	23
APPENDIX	

INTRODUCTION

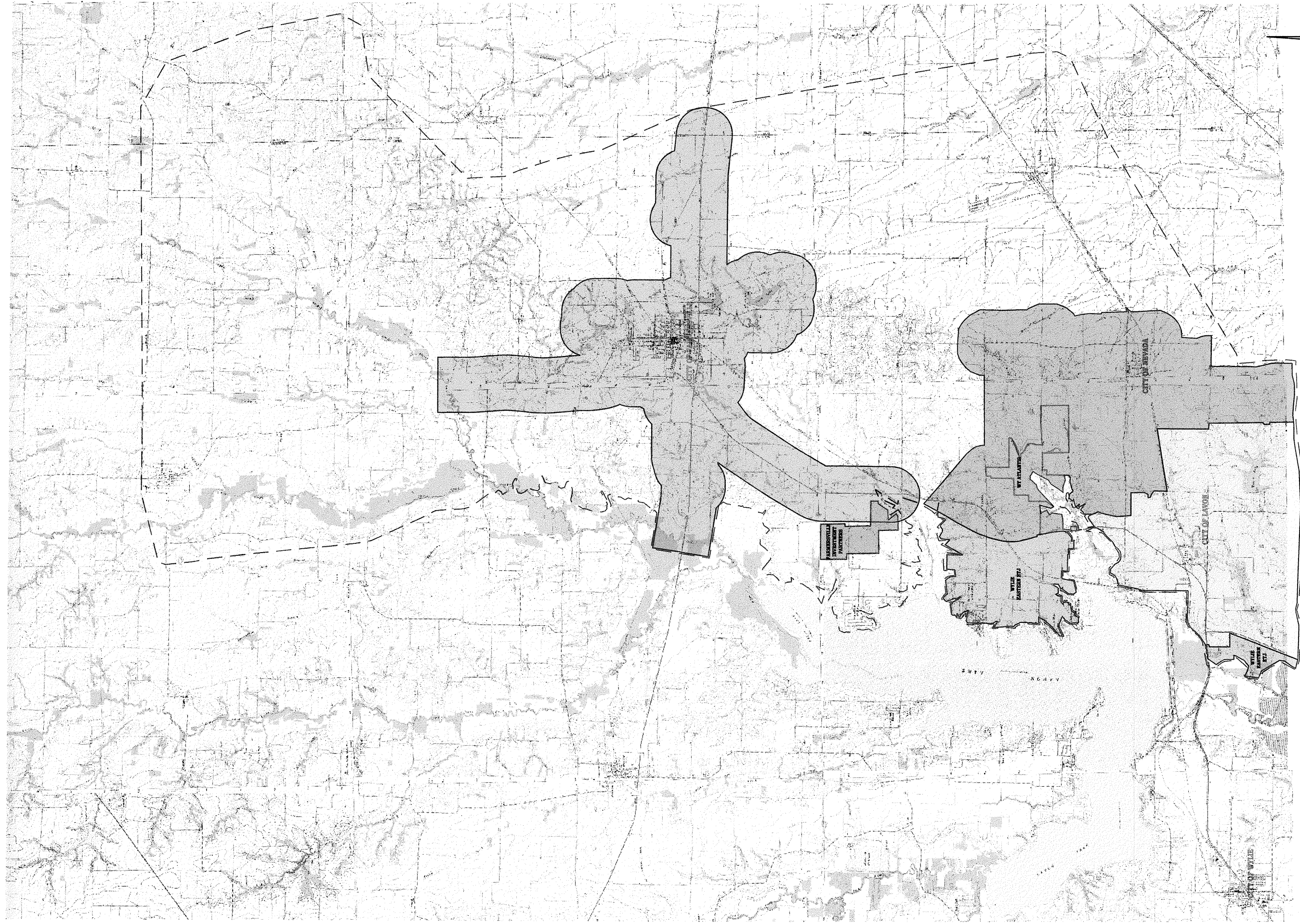
This study was performed to consider the feasibility of developing a regional wastewater transportation and treatment system consisting of lift stations, force mains, gravity trunk lines and wastewater treatment plants to serve an area in southeastern Collin County. Specifically, the study area includes the cities of Farmersville, Lavon, Nevada, as well as Wylie's Eastern ETJ and the proposed developments of Farmersville Investors, L.P. and WY Atlantis. These entities are located in the drainage basins of Lavon Lake and Lake Tawakoni, which are raw water supply lakes for the North Texas Municipal Water District (NTMWD) system. It is therefore a major goal for the NTMWD to ensure adequate discharge permit quality standards for any wastewater treatment system within the drainage basins. With the development of a regional wastewater transportation and treatment system in the study area, participants will be able to share costs of most of the proposed common transportation and treatment infrastructure. If requested by the participating entities, the NTMWD would become the owner/operator of the proposed regional wastewater treatment facility. It is the intent of the NTMWD that any wastewater treatment plant permitted in the Lavon Lake drainage basin, dependent on permits issued by the Texas Commission on Environmental Quality, would be permitted and operated at the same stringent effluent discharge parameters as the NTMWD Wilson Creek Regional Wastewater Treatment Plant. Four options for regional wastewater service were considered and included in this report. These options were presented to the participants at a workshop on September 2, 2009. At that workshop the participants arrived at a consensus on which option would best benefit the participants.

PLANNING AREA

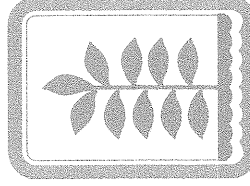
Wastewater transportation and treatment in Farmersville and Lavon is provided by the respective cities. Nevada as well as Wylie's Eastern ETJ and the remainder of the planning area are served by individual on-site systems. The design and installation of on-site systems is regulated by the Texas Commission on Environmental Quality (TCEQ) and by Collin County. Regulations, which require a minimum lot size, will have an impact on the ultimate population density. The planning area is located in southeastern Collin County as shown on the following exhibit:

FUTURE REUSE OPPORTUNITIES IN THE PLANNING AREA

All of the entities participating in the study are expected to develop at a moderate rate over the next few years and with development there is expected to be ample opportunities to implement reuse systems throughout the study planning area. Examples of potential development of reuse systems might be irrigation systems for future golf courses, thoroughfares, parks and open spaces as well as future reuse opportunities as the industrial sectors develop.



BIRKHOFF, HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS
Dallas, Texas
February, 2010



PLANNING CRITERIA

The planning guidelines and criteria utilized for this feasibility study are as follows:

- Farmersville population projections based on NTMWD In-House Draft Elm Creek Wastewater Treatment System Feasibility Study dated August 7, 2007.
- Farmersville Investors, L.P. population based on NTMWD In-House Draft Elm Creek Regional Wastewater Treatment System Feasibility Study dated August 7, 2007, but with a delayed start until 2015. Farmersville Investors, L.P. is currently pursuing a wastewater discharge permit and if approved the development will start before 2015. Flows into a regional wastewater treatment plant are not expected until the regional plant is on line.
- Lavon population projections based on Collin County Mobility Plan 2007 Update.
- Nevada population projections based on Collin County Mobility Plan 2007 Update.
- W.Y. Atlantis population based on NTMWD In-House Draft Elm Creek Regional Wastewater Treatment System Feasibility Study dated August 7, 2007, but with a delayed start until 2015.
- Wylie eastern ETJ population based on NTMWD In-House Draft Elm Creek Regional Wastewater Treatment System Feasibility Study dated August 7, 2007.
- Average wastewater flows calculated based on 125 gallons per capita per day (gpcd).
- Wastewater treatment facilities are sized based on average daily flows.
- Existing Farmersville WWTP, Farmersville Investors, LP WWTP and Lavon WWTP capacity shall be utilized until the regional system is in service in 2015.
- Peak wastewater flows calculated based on 3 times average wastewater flow.
- Lift stations, force mains and gravity sewers are sized for peak-wastewater flows.
- Gravity sewer lines shall have a minimum velocity of 2.0 feet per second.
- Force mains shall have a minimum velocity of 2.0 feet per second and a maximum velocity of 8.0 feet per second as prescribed by the Texas Commission on Environmental Quality (TCEQ).

POPULATION PROJECTIONS

The projected population for the participants is as follows.

Year	Farmersville	Farmersville Investors, LP	Lavon	Nevada	WY Atlantis	Wylie
2009	3,437	0	2,145	953	0	2,024
2010	3,526	0	2,360	1,080	0	2,256
2011	3,762	0	2,595	1,223	0	2,287
2012	3,998	0	2,855	1,386	0	2,318
2013	4,234	0	3,140	1,570	0	2,349
2014	4,470	0	3,455	1,779	0	2,380
2015	4,708	350	3,867	2,020	750	2,412
2016	4,888	1,225	4,196	2,177	1,500	2,443
2017	5,068	2,275	4,552	2,346	2,250	2,474
2018	5,248	3,500	4,939	2,528	3,000	2,505
2019	5,428	4,200	5,359	2,724	3,750	2,536
2020	5,607	4,725	5,815	2,935	4,500	2,568
2021	6,315	5,264	6,309	3,163	5,250	2,661
2022	7,023	5,264	6,845	3,408	6,180	2,754
2023	7,731	5,264	7,427	3,673	6,180	2,847
2024	8,439	5,264	8,058	3,958	6,180	2,940
2025	9,147	5,264	8,743	4,265	6,180	3,032
2026	9,630	5,264	9,486	4,596	6,180	3,125
2027	10,113	5,264	10,293	4,953	6,180	3,218
2028	10,596	5,264	11,168	5,337	6,180	3,311
2029	11,079	5,264	12,117	5,751	6,180	3,404
2030	11,562	5,264	13,139	6,194	6,180	3,497
2031	12,066	5,264	14,247	6,671	6,180	3,500
2032	12,592	5,264	15,449	7,185	6,180	3,500
2033	13,141	5,264	16,752	7,738	6,180	3,500
2034	13,714	5,264	18,166	8,333	6,180	3,500
2035	14,312	5,264	19,698	8,975	6,180	3,500
2036	14,936	5,264	21,360	9,666	6,180	3,500
2037	15,587	5,264	23,161	10,410	6,180	3,500
2038	16,267	5,264	25,115	11,212	6,180	3,500
2039	16,976	5,264	27,234	12,075	6,180	3,500
2040	17,716	5,264	28,390	13,005	6,180	3,500
Buildout	193,957	5,264	28,390	17,778	6,180	3,500

AVERAGE WASTEWATER FLOW PROJECTIONS (MGD)

The projected average wastewater flows for the cities of Farmersville, Lavon, Nevada and Wylie eastern extraterritorial jurisdiction are shown below.

Year	Farmersville	Farmersville Investors, LP	Lavon	Nevada	WY Atlantis	Wylie
2009	0.43	0	0.27	0.12	0	0.25
2010	0.44	0	0.29	0.13	0	0.28
2011	0.47	0	0.32	0.15	0	0.29
2012	0.50	0	0.36	0.17	0	0.29
2013	0.53	0	0.39	0.20	0	0.29
2014	0.56	0	0.43	0.22	0	0.30
2015	0.59	0.04	0.48	0.25	0.09	0.30
2016	0.61	0.15	0.52	0.27	0.19	0.31
2017	0.63	0.28	0.57	0.29	0.28	0.31
2018	0.66	0.44	0.62	0.32	0.38	0.31
2019	0.68	0.53	0.67	0.34	0.47	0.32
2020	0.70	0.59	0.73	0.37	0.56	0.32
2021	0.79	0.66	0.79	0.40	0.66	0.33
2022	0.88	0.66	0.86	0.43	0.77	0.34
2023	0.97	0.66	0.93	0.46	0.77	0.36
2024	1.05	0.66	1.01	0.49	0.77	0.37
2025	1.14	0.66	1.09	0.53	0.77	0.38
2026	1.20	0.66	1.19	0.57	0.77	0.39
2027	1.26	0.66	1.29	0.62	0.77	0.40
2028	1.32	0.66	1.40	0.67	0.77	0.41
2029	1.38	0.66	1.51	0.72	0.77	0.43
2030	1.45	0.66	1.64	0.77	0.77	0.44
2031	1.51	0.66	1.78	0.83	0.77	0.44
2032	1.57	0.66	1.93	0.90	0.77	0.44
2033	1.64	0.66	2.09	0.97	0.77	0.44
2034	1.71	0.66	2.27	1.04	0.77	0.44
2035	1.79	0.66	2.46	1.12	0.77	0.44
2036	1.87	0.66	2.67	1.21	0.77	0.44
2037	1.95	0.66	2.90	1.30	0.77	0.44
2038	2.03	0.66	3.14	1.40	0.77	0.44
2039	2.12	0.66	3.40	1.51	0.77	0.44
2040	2.21	0.66	3.55	1.63	0.77	0.44
Buildout	24.24	0.66	3.55	2.22	0.77	0.44

PEAK WASTEWATER FLOW PROJECTIONS (MGD)

The projected peak wastewater flows for the cities of Farmersville, Lavon, Nevada and Wylie eastern extraterritorial jurisdiction are shown below.

Year	Farmersville	Farmersville Investors, LP	Lavon	Nevada	WY Atlantis	Wylie
2009	1.29	0	0.80	0.36	0	0.76
2010	1.32	0	0.88	0.40	0	0.85
2011	1.41	0	0.97	0.46	0	0.86
2012	1.50	0	1.07	0.52	0	0.87
2013	1.59	0	1.18	0.59	0	0.88
2014	1.68	0	1.30	0.67	0	0.89
2015	1.77	0.13	1.45	0.76	0.28	0.90
2016	1.83	0.46	1.57	0.82	0.56	0.92
2017	1.90	0.85	1.71	0.88	0.84	0.93
2018	1.97	1.31	1.85	0.95	1.13	0.94
2019	2.04	1.58	2.01	1.02	1.41	0.95
2020	2.10	1.77	2.18	1.10	1.69	0.96
2021	2.37	1.97	2.37	1.19	1.97	1.00
2022	2.63	1.97	2.57	1.28	2.32	1.03
2023	2.90	1.97	2.79	1.38	2.32	1.07
2024	3.16	1.97	3.02	1.48	2.32	1.10
2025	3.43	1.97	3.28	1.60	2.32	1.14
2026	3.61	1.97	3.56	1.72	2.32	1.17
2027	3.79	1.97	3.86	1.86	2.32	1.21
2028	3.97	1.97	4.19	2.00	2.32	1.24
2029	4.15	1.97	4.54	2.16	2.32	1.28
2030	4.34	1.97	4.93	2.32	2.32	1.31
2031	4.52	1.97	5.34	2.50	2.32	1.31
2032	4.72	1.97	5.79	2.69	2.32	1.31
2033	4.93	1.97	6.28	2.90	2.32	1.31
2034	5.14	1.97	6.81	3.12	2.32	1.31
2035	5.37	1.97	7.39	3.37	2.32	1.31
2036	5.60	1.97	8.01	3.62	2.32	1.31
2037	5.85	1.97	8.69	3.90	2.32	1.31
2038	6.10	1.97	9.42	4.20	2.32	1.31
2039	6.37	1.97	10.21	4.53	2.32	1.31
2040	6.64	1.97	10.65	4.88	2.32	1.31
Buildout	72.73	1.97	10.65	6.67	2.32	1.31

The identification of alignment routes began with an analysis of USGS mapping. Available extraterritorial jurisdictions were superimposed upon the base mapping. Existing wastewater treatment facilities were added, as well as the location of the proposed Elm Creek and Bear Creek Regional Wastewater Treatment Plants. In all options it is assumed Farmersville Investors, LP are part of the City of Farmersville and W.Y. Atlantis are part of the City of Nevada.

OPTION 1 - REQUIRED INFRASTRUCTURE

- **Phase I (2015 - 2025)**

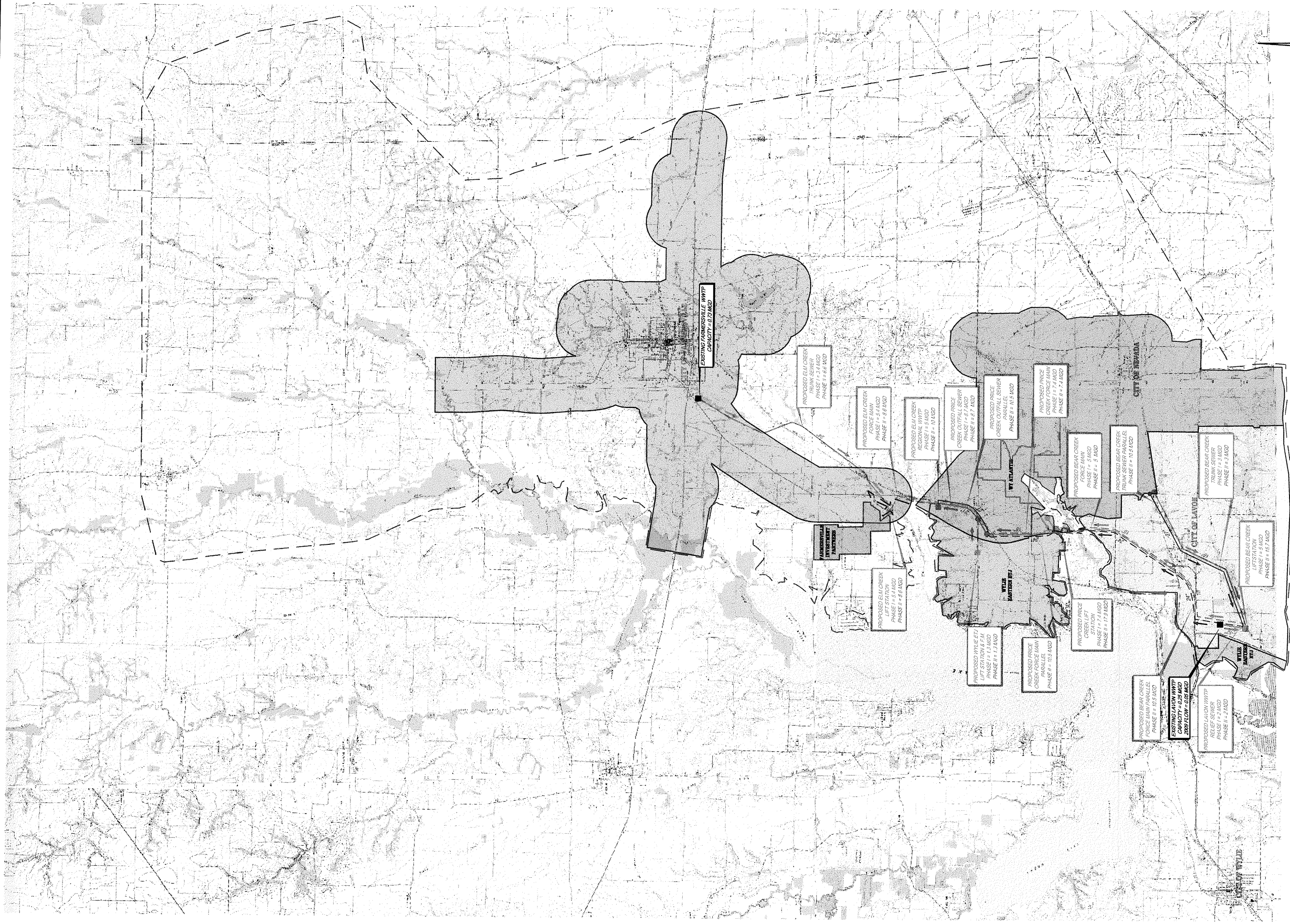
- ▶ Nevada and Lavon construct the proposed 18-inch Bear Creek Trunk Sewer from the common east/west border of Lavon/Nevada southwesterly along Bear Creek to the proposed 5.0 mgd Bear Creek Lift Station
- ▶ Lavon constructs the 12-inch Lavon WWTP Relief Sewer to convey flows from the existing Lavon WWTP south to the proposed 5.0 mgd Bear Creek Lift Station.
- ▶ Flows from Lavon and Nevada will be conveyed north from the Bear Creek Lift Station through an 18-inch force main to the proposed 7.4 mgd Price Creek Lift Station where flows are also collected from W.Y. Atlantis.
- ▶ Flows from Lavon, Nevada and W.Y. Atlantis are then conveyed north from the Price Creek Lift Station through an 18-inch force main to the proposed 21-inch Price Creek Outfall Sewer where flows are also collected from the proposed 1.3 mgd Wylie ETJ Lift Station and 10-inch force main.
- ▶ Flows from Lavon, Nevada, W.Y. Atlantis and Wylie ETJ are then conveyed north through the 21-inch Price Creek Outfall Sewer to the proposed 5 mgd Elm Creek WWTP near Lavon Lake.
- ▶ Farmersville constructs the 24-inch Elm Creek Trunk Sewer from the existing Farmersville WWTP south along Elm Creek to the proposed 5.4 mgd Elm Creek Lift Station where it will also collect flows directly from Farmersville Investors, L.P. Flows are then conveyed from the proposed Elm Creek Lift Station south through an 18-inch force main to the proposed 7 mgd Elm Creek WWTP.

All lift station structures will be sized for projected 2025 maximum flows, but the initial pumps and piping will be sized to handle 2020 flows.

- **Phase II (2025 - 2040)**

- ▶ Nevada and Lavon construct the proposed 27-inch Bear Creek Trunk Sewer Parallel from the common east/west border of Lavon/Nevada southwesterly along Bear Creek to the Bear Creek Lift Station.
- ▶ Nevada and Lavon expand the Bear Creek Lift Station to 15.7 mgd and construct the proposed Bear Creek Force Main Parallel.
- ▶ Nevada and Lavon expand the Price Creek Lift Station to 17.9 mgd and construct the proposed 24-inch Price Creek Force Main Parallel.
- ▶ Nevada and Lavon construct the 21-inch Price Creek Outfall Parallel, expand the Elm Creek Lift Station to 19.5 mgd and construct the 24-inch Elm Creek Force Main Parallel.
- ▶ Farmersville expands the Elm Creek Lift Station to 8.6 mgd.
- ▶ The Elm Creek Regional WWTP will require a 5 MGD capacity increase for a total treatment capacity of 10 MGD to accommodate projected 2040 average flows.

These proposed improvements are shown on the following exhibit.



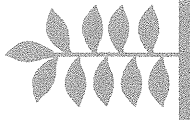
- LEGEND**
- E.M. CREEK STUDY AREA
 - ETJ
 - EXISTING WASTEWATER INFRASTRUCTURE
 - PHASE I WASTEWATER INFRASTRUCTURE (2015-2025)
 - PHASE II WASTEWATER INFRASTRUCTURE (2025-2040)
 - GRAVITY MAIN
 - FORCE MAIN

OPTION 1

SCALE: 1"=3000'

BIRKHOFF HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS
Dallas, Texas

February, 2010



OPTION 2 - REQUIRED INFRASTRUCTURE

- **Phase I (2015 - 2025)**

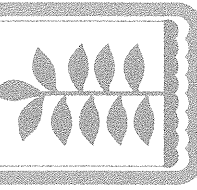
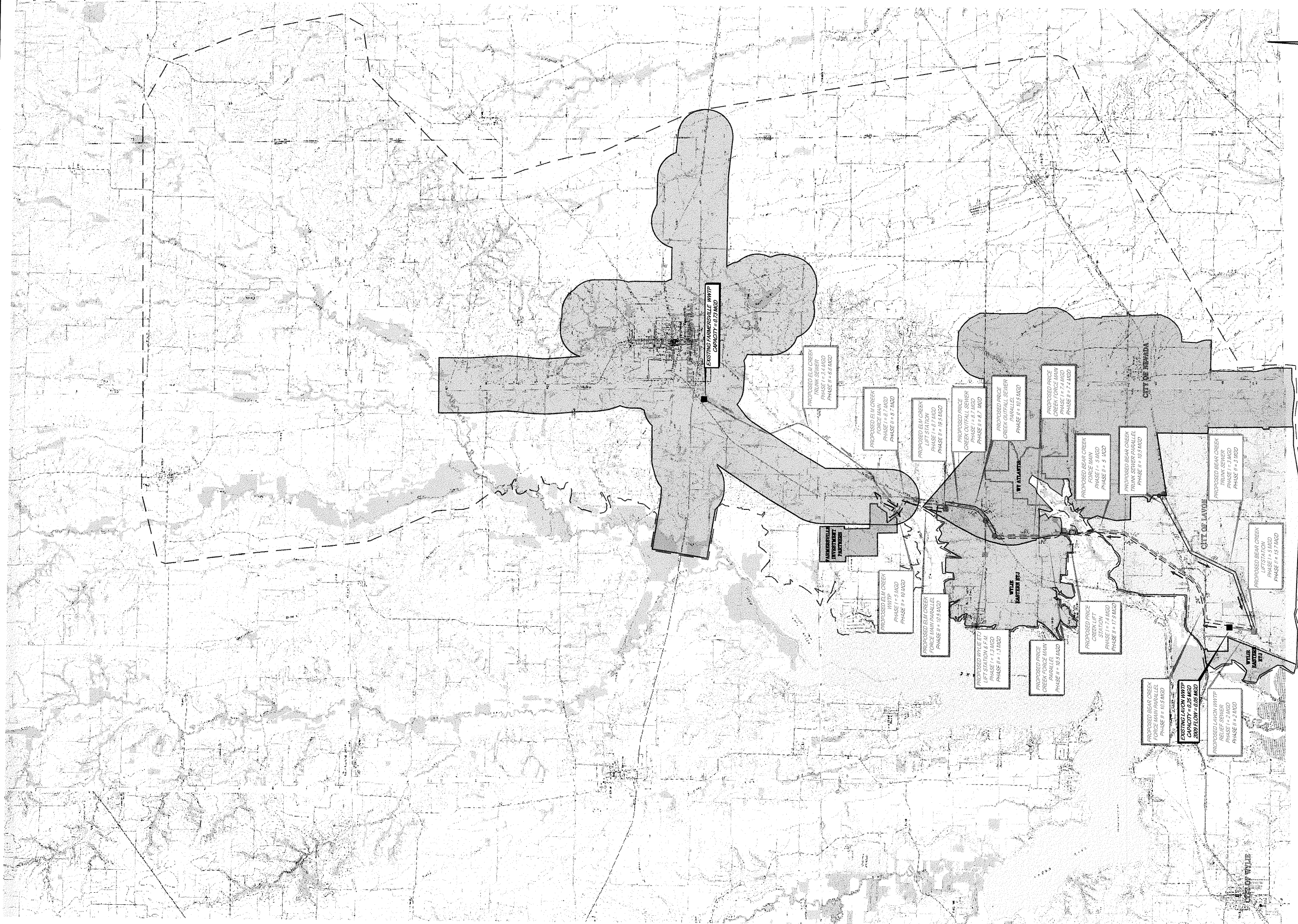
- ▶ Nevada and Lavon construct the proposed 18-inch Bear Creek Trunk Sewer from the common east/west border of Lavon/Nevada southwesterly along Bear Creek to the proposed 5.0 mgd Bear Creek Lift Station
- ▶ Lavon constructs the 12-inch Lavon WWTP Relief Sewer to convey flows from the existing Lavon WWTP south to the proposed 5.0 mgd Bear Creek Lift Station.
- ▶ Flows from Lavon and Nevada will be conveyed north from the Bear Creek Lift Station through an 18-inch force main to the proposed 7.4 mgd Price Creek Lift Station where flows are also collected from W.Y. Atlantis.
- ▶ Flows from Lavon, Nevada and W.Y. Atlantis are then conveyed north from the Price Creek Lift Station through an 18-inch force main to the proposed 21-inch Price Creek Outfall Sewer where flows are also collected from the proposed 1.3 mgd Wylie ETJ Lift Station and 10-inch force main.
- ▶ Flows from Lavon, Nevada, W.Y. Atlantis and Wylie ETJ are then conveyed north through the 21-inch Price Creek Outfall Sewer to the proposed 8.7 mgd Elm Creek Lift Station where they are conveyed north through the proposed 18-inch Elm Creek Force Main to the proposed Elm Creek WWTP near Lavon Lake.
- ▶ Farmersville constructs the 24-inch Elm Creek Trunk Sewer from the existing Farmersville WWTP south along Elm Creek to the proposed Elm Creek WWTP.
- ▶ The Elm Creek WWTP will be approximately 5 mgd and will collect flows directly from Farmersville Investors, L.P.

All lift station structures will be sized for projected 2025 maximum flows, but the initial pumps and piping will be sized to handle 2020 flows.

- **Phase II (2025 - 2040)**

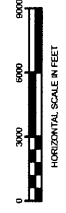
- ▶ Nevada and Lavon construct the proposed 27-inch Bear Creek Trunk Sewer Parallel from the common east/west border of Lavon/Nevada southwesterly along Bear Creek to the Bear Creek Lift Station.
- ▶ Nevada and Lavon expand the Bear Creek Lift Station to 15.7 mgd and construct the proposed Bear Creek Force Main Parallel.
- ▶ Nevada and Lavon expand the Price Creek Lift Station to 17.9 mgd and construct the proposed 24-inch Price Creek Force Main Parallel.
- ▶ Nevada and Lavon construct the 21-inch Price Creek Outfall Parallel, expand the Elm Creek Lift Station to 19.5 mgd and construct the 24-inch Elm Creek Force Main Parallel.
- ▶ The Elm Creek Regional WWTP will require a 5 MGD capacity increase for a total treatment capacity of 10 MGD to accommodate projected 2040 average flows.

These proposed improvements are shown on the following exhibit.



OPTION 2
BIRKHOFF, HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS
Dallas, Texas
February, 2010

SCALE: 1"=3000'



- LEGEND**
- ELM CREEK STUDY AREA
 - ETU
 - EXISTING WASTEWATER INFRASTRUCTURE
 - PHASE I WASTEWATER INFRASTRUCTURE (2015-2025)
 - PHASE II WASTEWATER INFRASTRUCTURE (2025-2040)
 - GRAVITY MAIN
 - FORCE MAIN

OPTION 3 - REQUIRED INFRASTRUCTURE

- **Phase I (2015 - 2025)**

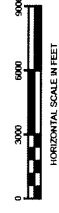
- ▶ W.Y. Atlantis constructs the 2.5 mgd Price Creek Lift Station and 12-inch Force Main to convey flows north to the proposed Price Creek Outfall Sewer.
- ▶ Wylie constructs the 1.3 mgd Wylie ETJ Lift Station and 10-inch force main to convey flows east to the proposed Price Creek Outfall Sewer.
- ▶ W.Y. Atlantis and Wylie construct the Price Creek Outfall Sewer to convey flows north to the proposed Elm Creek Lift Station and 16-inch force main constructed by both entities. The lift station conveys flows north to the proposed Elm Creek WWTP.
- ▶ Farmersville constructs the 24-inch Elm Creek Trunk Sewer from the existing Farmersville WWTP south along Elm Creek to the proposed Elm Creek WWTP near Lavon Lake.
- ▶ The Elm Creek WWTP will be approximately 4 mgd and will collect flows directly from Farmersville Investors, L.P.
- ▶ Nevada and Lavon construct the proposed 18-inch Bear Creek Trunk Sewer from the common east/west border of Lavon/Nevada southwesterly along Bear Creek to the proposed Bear Creek Regional W.W.T.P.
- ▶ Lavon constructs the 12-inch Lavon WWTP Relief Sewer to convey flows from the existing Lavon WWTP south to the proposed Bear Creek Regional WWTP.
- ▶ The Bear Creek Regional WWTP will be approximately 2 MGD.

All lift station structures will be sized for projected 2025 maximum flows, but the initial pumps and piping will be sized to handle 2020 flows.

- **Phase II (2025 - 2040)**

- ▶ Nevada and Lavon construct the proposed 27-inch Bear Creek Trunk Sewer Parallel from the common east/west border of Lavon/Nevada southwesterly along Bear Creek to the Bear Creek Regional W.W.T.P.
- ▶ Expansions to the Phase I system will also be necessary.
 - o The Bear Creek Regional WWTP will require a 3.5 MGD capacity increase for a total treatment capacity of 5.5 MGD to accommodate projected 2040 average flows.
 - o The Elm Creek Regional WWTP will require a 0.5 MGD capacity increase for a total treatment capacity of 4.5 MGD to accommodate projected 2040 average flows.

These proposed improvements are shown on the following exhibit.



OPTION 4 - REQUIRED INFRASTRUCTURE

- **Phase I (2015 - 2025)**

- ▶ W.Y. Atlantis constructs the 2.5 mgd Price Creek Lift Station, the Price Creek 12-inch Force Main and the 15-inch Price Creek Outfall Sewer to convey flows south to the proposed Bear Creek Trunk Sewer.
- ▶ Nevada and Lavon construct the proposed 21-inch Bear Creek Trunk Sewer from the common east/west border of Lavon/Nevada southwesterly along Bear Creek to the proposed Bear Creek Regional WWTP.
- ▶ Lavon constructs the 12-inch Lavon WWTP Relief Sewer to convey flows from the existing Lavon WWTP south to the proposed Bear Creek Regional WWTP.
- ▶ The Bear Creek Regional WWTP will be approximately 2.5 MGD.
- ▶ Farmersville constructs the 24-inch Elm Creek Trunk Sewer from the existing Farmersville WWTP south along Elm Creek to the proposed Elm Creek WWTP near Lavon Lake.
- ▶ Wylie constructs the 1.3 mgd Wylie ETJ Lift Station and 10-inch force main to convey flows north to the proposed Elm Creek WWTP.
- ▶ The Elm Creek WWTP will be approximately 2.5 mgd and will collect flows directly from Farmersville Investors, L.P.

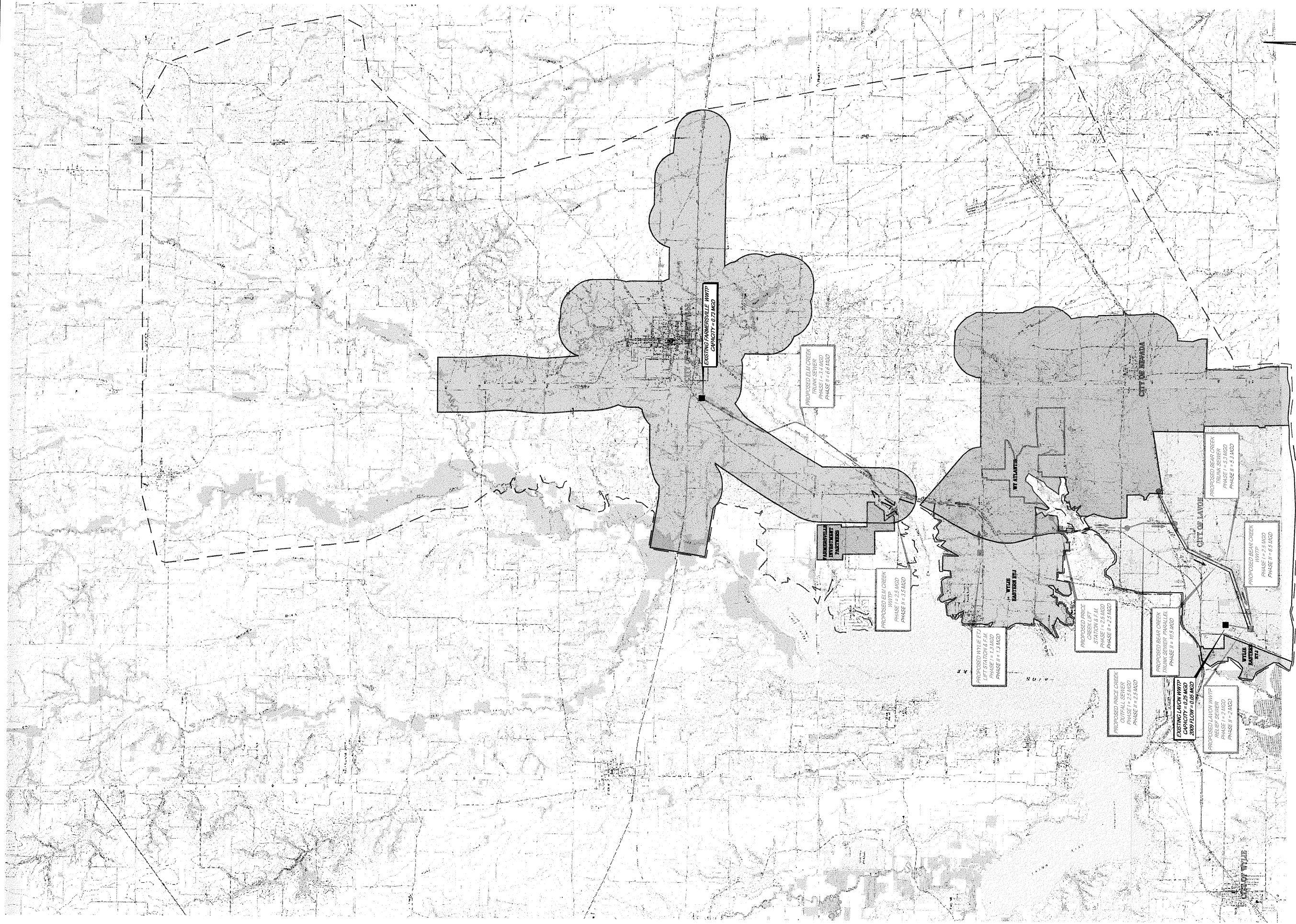
All lift station structures will be sized for projected 2025 maximum flows, but the initial pumps and piping will be sized to handle 2020 flows.

- **Phase II (2025 - 2040)**

- ▶ Nevada and Lavon construct the proposed 27-inch Bear Creek Trunk Sewer Parallel from the common east/west border of Lavon/Nevada southwesterly along Bear Creek to the Bear Creek Regional W.W.T.P.
- ▶ Expansions to the Phase I system will also be necessary.
 - o The Bear Creek Regional WWTP will require a 4 MGD capacity increase for a total treatment capacity of 6.5 MGD to accommodate projected 2040 average flows.
 - o The Elm Creek Regional WWTP will require a 1 MGD capacity increase for a total treatment capacity of 3.5 MGD to accommodate projected 2040 average flows.

These proposed improvements are shown on the following exhibit.

Although not included in the scope of this study, it should be noted that in all options there would be direct costs to the City of Farmersville and City of Lavon associated with decommissioning and demolishing their existing wastewater treatment plants in the future.



LEGEND

- ELM CREEK STUDY AREA
- ETJ
- EXISTING WASTEWATER INFRASTRUCTURE
- PHASE I WASTEWATER INFRASTRUCTURE (2015-2025)
- PHASE II WASTEWATER INFRASTRUCTURE (2025-2040)
- GRAVITY MAIN
- FORCE MAIN



OPTION 4

SCALE: 1"=3000'



BIRKHOFF, HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS
Dallas, Texas

February, 2010

OPINIONS OF CAPITAL AND O&M COST

The projected costs for each option are shown in the following tables.

OPTION 1

Item	Cost Participation						
	Farmersville	Farmersville Investors, LP	Wylie	WY Atlantis	Lavon	Nevada	Total
Phase I: Capital Cost	\$10,514,201	\$3,545,743	\$2,627,475	\$4,496,208	\$10,353,719	\$5,736,305	\$37,273,650
Phase I: O&M	\$2,869,647	\$1,738,949	\$1,275,022	\$1,895,169	\$3,303,575	\$1,660,813	\$12,743,175
Subtotal:	\$13,383,847	\$5,284,692	\$3,902,497	\$6,391,377	\$13,657,294	\$7,397,119	\$50,016,825
Phase II: Capital Cost	\$5,362,900	\$0	\$255,864	\$0	\$19,853,965	\$10,249,360	\$35,722,088
Phase II: O&M	\$8,094,925	\$3,197,165	\$2,183,285	\$3,896,688	\$13,226,270	\$6,085,358	\$36,683,692
Subtotal:	\$13,457,825	\$3,197,165	\$2,439,149	\$3,896,688	\$33,080,235	\$16,334,718	\$72,405,780
Grand Total:	\$26,841,672	\$8,481,857	\$6,341,645	\$10,288,065	\$46,737,529	\$23,731,837	\$122,422,605

OPTION 2

Item	Cost Participation						
	Farmersville	Farmersville Investors, LP	Wylie	WY Atlantis	Lavon	Nevada	Total
Phase I: Capital Cost	\$9,120,229	\$2,888,403	\$3,108,793	\$5,264,678	\$11,444,133	\$6,267,415	\$38,093,650
Phase I: O&M	\$2,540,473	\$1,554,718	\$1,527,629	\$2,081,641	\$3,555,329	\$1,787,696	\$13,047,485
Subtotal:	\$11,660,702	\$4,443,120	\$4,636,422	\$7,346,319	\$14,999,462	\$8,055,111	\$51,141,136
Phase II: Capital Cost	\$4,562,900	\$0	\$298,364	\$0	\$21,696,465	\$11,069,360	\$37,627,088
Phase II: O&M	\$7,310,476	\$2,882,040	\$2,591,812	\$4,324,576	\$14,319,833	\$6,589,800	\$38,018,536
Subtotal:	\$11,873,375	\$2,882,040	\$2,890,175	\$4,324,576	\$36,016,297	\$17,659,160	\$75,645,624
Grand Total:	\$23,534,077	\$7,325,160	\$7,526,597	\$11,670,895	\$51,015,760	\$25,714,270	\$126,786,759

OPTION 3

Item	Cost Participation						
	Farmersville	Farmersville Investors, LP	Wylie	WY Atlantis	Lavon	Nevada	Total
Phase I: Capital Cost	\$8,768,458	\$2,684,746	\$3,193,105	\$5,835,714	\$6,659,742	\$3,901,993	\$31,043,757
Phase I : O&M	\$2,540,473	\$1,554,718	\$1,481,475	\$2,098,178	\$2,413,035	\$1,211,673	\$11,299,552
Subtotal:	\$11,308,931	\$4,239,463	\$4,674,579	\$7,933,892	\$9,072,777	\$5,113,666	\$42,343,310
Phase II: Capital Cost	\$5,681,416	\$0	\$318,584	\$0	\$11,558,310	\$5,616,742	\$23,175,051
Phase II: O&M	\$7,310,476	\$2,882,040	\$2,442,581	\$4,086,872	\$9,700,774	\$4,456,686	\$30,879,429
Subtotal:	\$12,991,891	\$2,882,040	\$2,761,165	\$4,086,872	\$21,259,084	\$10,073,427	\$54,054,480
Grand Total:	\$24,300,822	\$7,121,503	\$7,435,745	\$12,020,764	\$30,331,861	\$15,187,094	\$96,397,790

OPTION 4

Item	Cost Participation						
	Farmersville	Farmersville Investors, LP	Wylie	WY Atlantis	Lavon	Nevada	Total
Phase I: Capital Cost	\$9,360,527	\$3,027,523	\$3,047,042	\$6,197,320	\$5,445,385	\$3,031,967	\$30,109,765
Phase I: O&M	\$2,540,473	\$1,554,718	\$1,412,166	\$1,865,921	\$2,413,035	\$1,211,673	\$10,997,985
Subtotal:	\$11,901,000	\$4,582,240	\$4,459,208	\$8,063,241	\$7,858,420	\$4,243,641	\$41,107,751
Phase II: Capital Cost	\$3,787,611	\$0	\$212,389	\$0	\$12,937,219	\$6,237,832	\$23,175,051
Phase II: O&M	\$7,310,476	\$2,882,040	\$2,373,827	\$3,720,633	\$9,700,774	\$4,456,686	\$30,444,436
Subtotal:	\$11,098,086	\$2,882,040	\$2,586,216	\$3,720,633	\$22,637,993	\$10,694,518	\$53,619,487
Grand Total:	\$22,999,087	\$7,464,280	\$7,045,425	\$11,783,874	\$30,496,413	\$14,938,159	\$94,727,238

The cost participation shown in the preceding tables is based on each city's required capacity until the next expansion using the flow projections for each city.

RECOMMENDATION

At the September 2, 2009 workshop the participants arrived at a consensus that Option 4 would be the most beneficial to the participants. Providing a south regional wastewater treatment plant and a north regional wastewater treatment plant requires fewer transmission facilities to convey flows for treatment. The cities of Nevada and Lavon, and W.Y. Atlantis would be conveniently served by a regional treatment facility on Bear Creek and the cities of Farmersville and Wylie, and Farmersville Investors, L.P. would be conveniently served by a regional treatment facility on Elm Creek. Since the Elm Creek Regional WWTP is proposed on property owned by Farmersville Investors, L.P., their offsite transmission costs are minimal and it is economically feasible for them to connect to the regional facility when operational with adequate capacity.

Although the capital cost projections includes items such as permitting, land acquisition, easements and engineering, it is recommended that the entities pay this portion of the costs up-front. Participating entities can elect to have these up-front costs reimbursed from future bond sales. If these items are funded from bond sales, then bond debt payments will start as soon as bonds are sold. It has proven more beneficial for these items to be paid up-front to defer bond debt payments until construction is ready to start.

CONSENSUS OPTION - DEBT SERVICE AND O&M

The projected debt service and operation and maintenance from 2015 to 2040 for the consensus option is as follows:

Consensus Option (Option 4) – Debt Service and O&M (2015 to 2040)

Item	Cost Participation						
	Farmersville	Farmersville Investors, LP	Wylie	WY Atlantis	Lavon	Nevada	Total
Debt Service	\$20,222,756	\$6,285,725	\$6,740,928	\$15,291,702	\$26,139,025	\$13,039,131	\$87,719,269
O&M	\$9,850,949	\$4,436,758	\$3,785,993	\$5,586,554	\$12,113,809	\$5,668,359	\$41,442,421
Grand Total:	\$30,073,705	\$10,722,483	\$10,526,922	\$20,878,256	\$38,252,834	\$18,707,490	\$129,161,690

The annual debt service schedule for the consensus option is included in the appendix.

SCHEDULE

The following schedule outlines the basic actions necessary for the development of the Elm Creek and Bear Creek Regional Wastewater Treatment Systems. The schedule dates used are arbitrary and intended to provide a sequence of events, an estimated time frame for each event and an overall project time frame.

New Interceptor and Regional WWTP Contracts	March 2010
Cities Adopt New Regional WW System Contracts	April 2010
NTMWD Board Approval	June 2010
Receive Funding for Design of Pipelines & WWTP & Land Purchase	July - August 2010
Apply for Modified Discharge Permit	August 2010
Award Design	August 2010
Complete Design	August 2011
Advertise for Bids	September 2011
Open Bids	November 2011
Receive Modified Discharge Permit & Bond Sale	December 2011
Award Construction Contracts	December 2011
Start Construction	January 2012
In-Service	January 2014

APPENDIX

OPTIONS 1 - 4

- Gravity Sewer Sizing
- Gravity Sewer Costs
- Force Main Sizing
- Force Main Costs
- Wastewater Treatment Plant and Lift Station Costs
- Lift Station O&M Costs
- Wastewater Treatment Plants - O&M Costs
- Capital Cost and O&M Cost Summary

DEBT SERVICE FOR CONSENSUS OPTION (OPTION 4)

- Wylie ETJ Lift Station
- Wylie ETJ Force Main
- Elm Creek Trunk Sewer
- Elm Creek Wastewater Treatment Plant
- Price Creek Lift Station
- Price Creek Force Main
- Price Creek Outfall Sewer
- Bear Creek Trunk Sewer
- Bear Creek Trunk Sewer Parallel
- Lavon WWTP Relief Sewer
- Bear Creek WWTP
- Summary

APPENDIX

OPTIONS 1 - 4

GRAVITY SEWER SIZING

Option 1

Facility Name	Gravity Lines							
	Diameter	r-in	A-ft ²	R-ft	S avg	Q-cfs	Q-MGD	v-ft/s
Bear Creek Trunk Sewer (Phase I)	18	9	1.77	0.38	0.004118	6.76	4.37	3.8
Bear Creek Trunk Sewer Parallel (Phase II)	27	13.5	3.98	0.56	0.004118	19.93	12.88	5.0
Lavon WWTP Relief Sewer (Phase I & II)	12	6	0.79	0.25	0.013636	4.17	2.70	5.3
Price Creek Outfall Sewer (Phase I)	21	10.5	2.41	0.44	0.007143	13.43	8.68	5.6
Price Creek Outfall Sewer Parallel (Phase II)	27	13.5	3.98	0.56	0.007143	26.25	16.96	6.6
Elm Creek Trunk Sewer (Phase I & II)	24	12	3.14	0.50	0.00375	13.89	8.98	4.4
<div> <div> Assumptions: v>=2 n=.013 </div> <div> Calculations: $Q_{cfs} = (1.49/n) \cdot A \cdot (R^{2/3}) \cdot (S^{1/2})$ $R = A/P$ $P = \pi \cdot d$ $v = Q_{cfs} / A$ </div> <div> $A = \pi \cdot (r^{*2})$ </div> </div>								

Option 2

Facility Name	Gravity Lines							
	Diameter	r-in	A-ft ²	R-ft	S avg	Q-cfs	Q-MGD	v-ft/s
Bear Creek Trunk Sewer (Phase I)	18	9	1.77	0.38	0.004118	6.76	4.37	3.8
Bear Creek Trunk Sewer Parallel (Phase II)	27	13.5	3.98	0.56	0.004118	19.93	12.88	5.0
Lavon WWTP Relief Sewer (Phase I & II)	12	6	0.79	0.25	0.013636	4.17	2.70	5.3
Price Creek Outfall Sewer (Phase I)	21	10.5	2.41	0.44	0.007143	13.43	8.68	5.6
Price Creek Outfall Sewer Parallel (Phase II)	27	13.5	3.98	0.56	0.007143	26.25	16.96	6.6
Elm Creek Trunk Sewer (Phase I & II)	24	12	3.14	0.50	0.00375	13.89	8.98	4.4
<div> <div> Assumptions: v>=2 n=.013 </div> <div> Calculations: $Q_{cfs} = (1.49/n) \cdot A \cdot (R^{2/3}) \cdot (S^{1/2})$ $R = A/P$ $P = \pi \cdot d$ $v = Q_{cfs} / A$ </div> <div> $A = \pi \cdot (r^2)$ </div> </div>								

Option 3

Facility Name	Gravity Lines							
	Diameter	r-in	A-ft ²	R-ft	S avg	Q-cfs	Q-MGD	v-ft/s
Bear Creek Trunk Sewer (Phase I)	18	9	1.77	0.38	0.004118	6.76	4.37	3.8
Bear Creek Trunk Sewer Parallel (Phase II)	27	13.5	3.98	0.56	0.004118	19.93	12.88	5.0
Lavon WWTP Relief Sewer (Phase I & II)	12	6	0.79	0.25	0.013636	4.17	2.70	5.3
Price Creek Outfall Sewer (Phase I & II)	18	9	1.77	0.38	0.007143	8.90	5.75	5.0
Elm Creek Trunk Sewer (Phase I & II)	24	12	3.14	0.50	0.00375	13.89	8.98	4.4
<div> <div> Assumptions: v>=2 n=.013 </div> <div> Calculations: $Q_{cfs} = (1.49/n) * A * (R^{2/3}) * (S^{1/2})$ $R = A/P$ $P = \pi * d$ $v = Q_{cfs} / A$ </div> <div> $A = \pi * (r^2)$ </div> </div>								

Option 4

Facility Name	Gravity Lines							
	Diameter	r-in	A-ft²	R-ft	S avg	Q-cfs	Q-MGD	v-ft/s
Bear Creek Trunk Sewer (Phase I)	21	10.5	2.41	0.44	0.004118	10.20	6.59	4.2
Bear Creek Trunk Sewer Parallel (Phase II)	27	13.5	3.98	0.56	0.004118	19.93	12.88	5.0
Lavon WWTP Relief Sewer (Phase I & II)	12	6	0.79	0.25	0.013636	4.17	2.70	5.3
Price Creek Outfall Sewer (Phase I & II)	15	7.5	1.23	0.31	0.008	5.79	3.74	4.7
Elm Creek Trunk Sewer (Phase I & II)	24	12	3.14	0.50	0.00375	13.89	8.98	4.4
<div> <div> Assumptions: v>=2 n=.013 </div> <div> Calculations: $Q_{cfs} = (1.49/n) * A * (R^{2/3}) * (S^{1/2})$ $R = A/P$ $P = \pi * d$ $v = Q_{cfs} / A$ </div> <div> $A = \pi * (r^2)$ </div> </div>								

GRAVITY SEWER COSTS

OPTION 1

	FACILITY	PIPE SIZE	Pipe Length	Pipe Unit	TOTAL SECTION		MANHOLES		TOTAL M.H.		BORE	BORE L.F.	BORE TOTAL		FARMERSVILLE	% FARMERSVILLE	FI	% FI		WYLIE	% WYLIE		WILDWOOD	% WILDWOOD		LAVON	% LAVON		NEVADA	% NEVADA		TOTAL	SUB-TOTAL	ROW	ENGINEERING	CONTINGENCY	TOTAL
		DIA.	FT.	Cost L.F	\$ COST	Dia. Qty. Unit Cost	COST	INST. L.F.	COST \$	COST \$		MGD	%	COST		MGD		%	COST		MGD	%		COST	MGD		%	COST		MGD	%						
	Bear Creek Trunk Sewer (Phase I)	18	17,000	\$86.00	\$1,462,000.00	5 34	\$6,896.00	\$234,464.00	200	\$367.00	\$73,400.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	1.28	44%	\$1,034,904.64	1.6	56%	\$1,293,630.80	2.88	\$1,769,864.00	\$170,000.00	\$176,986.40	\$211,685.04	\$2,328,535.44		
	Bear Creek Trunk Sewer Parallel (Phase II)	27	17,000	\$125.00	\$2,125,000.00	5 34	\$6,896.00	\$234,464.00	200	\$550.00	\$110,000.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	7.37	59%	\$1,876,513.96	5.1	41%	\$1,298,537.48	12.47	\$2,469,464.00	\$170,000.00	\$246,946.40	\$288,641.04	\$3,175,051.44		
	Lavon WWTP Relief Sewer (Phase I & II)	12	2,500	\$57.00	\$142,500.00	4 5	\$5,500.00	\$27,500.00	0	\$332.00	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	2.00	100%	\$233,200.00	0	0%	\$0.00	2.00	\$170,000.00	\$25,000.00	\$17,000.00	\$21,200.00	\$233,200.00		
	Price Creek Outfall Sewer (Phase I)	21	6,500	\$100.00	\$650,000.00	5 13	\$6,896.00	\$89,648.00	150	\$450.00	\$67,500.00	0	0%	\$0.00	0	0%	\$0.00	1.45	17%	\$175,701.29	2.3	27%	\$278,698.60	3.30	38%	\$399,871.90	1.6	18%	\$193,877.29	8.65	\$807,148.00	\$65,000.00	\$80,714.80	\$95,286.28	\$1,048,149.08		
	Price Creek Outfall Sewer Parallel (Phase II)	27	6,500	\$125.00	\$812,500.00	5 13	\$6,896.00	\$89,648.00	150	\$550.00	\$82,500.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	7.40	59%	\$747,651.06	5.1	41%	\$515,273.02	12.50	\$984,648.00	\$65,000.00	\$98,464.80	\$114,811.28	\$1,262,924.08		
	Elm Creek Trunk Sewer (Phase I & II)	24	24,000	\$110.00	\$2,640,000.00	5 48	\$6,896.00	\$331,008.00	450	\$500.00	\$225,000.00	6.64	100%	\$4,131,169.68	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0.00	0%	\$0.00	0	0%	\$0.00	6.64	\$3,196,008.00	\$240,000.00	\$319,600.80	\$375,560.88	\$4,131,169.68		
	TOTAL				\$7,832,000.00			\$1,006,732.00			\$568,400.00																										

OPTION 2

	FACILITY	PIPE SIZE	Pipe Length	Pipe Unit	TOTAL SECTION	MANHOLES	TOTAL M.H.	BORE	BORE L.F.	BORE TOTAL	FARMERSVILLE	% FARMERSVILLE	FI	% FI	WYLIE	% WYLIE	WILDWOOD	% WILDWOOD	LAVON	% LAVON	NEVADA	% NEVADA	TOTAL	SUB-TOTAL	ROW	ENGINEERING	CONTINGENCY	TOTAL				
		DIA.	FT.	Cost L.F	\$ COST	Dia. Qty. Unit Cost	COST	INST. L.F.	COST \$	COST \$	MGD	%	COST	MGD	%	COST	%	COST	%	COST	%	COST	%	FLOW MGD	COST \$	COST	10%		10%			
	Bear Creek Trunk Sewer (Phase I)	18	17,000	\$86.00	\$1,462,000.00	5 34	\$6,896.00	\$234,464.00	200	\$367.00	\$73,400.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	1.28	44%	\$1,034,904.64	1.6	56%	\$1,293,630.80	2.88	\$1,769,864.00	\$170,000.00	\$176,986.40	\$211,685.04	\$2,328,535.44
	Bear Creek Trunk Sewer Parallel (Phase II)	27	17,000	\$125.00	\$2,125,000.00	5 34	\$6,896.00	\$234,464.00	200	\$550.00	\$110,000.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	7.37	59%	\$1,876,513.96	5.1	41%	\$1,298,537.48	12.47	\$2,469,464.00	\$170,000.00	\$246,946.40	\$288,641.04	\$3,175,051.44
	Lavon WWTP Relief Sewer (Phase I & II)	12	2,500	\$57.00	\$142,500.00	4 5	\$5,500.00	\$27,500.00	0	\$332.00	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	2.00	100%	\$233,200.00	0.00	0%	\$0.00	2.00	\$170,000.00	\$25,000.00	\$17,000.00	\$21,200.00	\$233,200.00
	Price Creek Outfall Sewer (Phase I)	21	6,500	\$100.00	\$650,000.00	5 13	\$6,896.00	\$89,648.00	150	\$450.00	\$67,500.00	0	0%	\$0.00	1.45	17%	\$175,701.29	2.30	27%	\$278,698.60	3.30	38%	\$399,871.90	1.60	18%	\$193,877.29	8.65	\$807,148.00	\$65,000.00	\$80,714.80	\$95,286.28	\$1,048,149.08
	Price Creek Outfall Sewer Parallel (Phase II)	27	6,500	\$125.00	\$812,500.00	5 13	\$6,896.00	\$89,648.00	150	\$550.00	\$82,500.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	7.4	59%	\$747,651.06	5.1	41%	\$515,273.02	12.50	\$984,648.00	\$65,000.00	\$98,464.80	\$114,811.28	\$1,262,924.08
	Elm Creek Trunk Sewer (Phase I & II)	24	24,000	\$110.00	\$2,640,000.00	5 48	\$6,896.00	\$331,008.00	450	\$500.00	\$225,000.00	6.64	100%	\$4,131,169.68	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	6.64	\$3,196,008.00	\$240,000.00	\$319,600.80	\$375,560.88	\$4,131,169.68
	TOTAL				\$7,832,000.00			\$1,006,732.00			\$568,400.00													\$9,397,132.00	\$735,000.00	\$939,713.20	\$1,107,184.52	\$12,179,029.72				

OPTION 3

FACILITY	PIPE SIZE	Pipe Length	Pipe Unit	TOTAL SECTION	MANHOLES	TOTAL M.H.	BORE	BORE L.F.	BORE TOTAL	FARMERSVILLE	% FARMERSVILLE	FI	% FI	WYLIE	% WYLIE	WILDWOOD	% WILDWOOD	LAVON	% LAVON	NEVADA	% NEVADA	TOTAL	SUB-TOTAL	ROW	ENGINEERING	CONTINGENCY	TOTAL			
	DIA.	FT.	Cost L.F	\$ COST	Dia. Qty. Unit Cost	COST	INST. L.F.	COST \$	COST \$	MGD	% COST	MGD	% COST	MGD	% COST	MGD	% COST	MGD	% COST	MGD	% COST	FLOW MGD	COST \$	COST	10%	10%				
Bear Creek Trunk Sewer (Phase I)	18	17,000	\$86.00	\$1,462,000.00	5 34 \$6,896.00	\$234,464.00	200	\$367.00	\$73,400.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	1.3	45%	\$1,043,826.23	1.6	55%	\$1,284,709.21	2.90	\$1,769,864.00	\$170,000.00	\$176,986.40	\$211,685.04	\$2,328,535.44	
Bear Creek Trunk Sewer Parallel (Phase II)	27	17,000	\$125.00	\$2,125,000.00	5 34 \$6,896.00	\$234,464.00	200	\$550.00	\$110,000.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	7.4	59%	\$1,884,152.42	5.07	41%	\$1,290,899.02	12.47	\$2,469,464.00	\$170,000.00	\$246,946.40	\$288,641.04	\$3,175,051.44	
Lavon WWTP Relief Sewer (Phase I & II)	12	2,500	\$57.00	\$142,500.00	4 5 \$5,500.00	\$27,500.00	0	\$332.00	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	1.995	100%	\$233,200.00	0	0%	\$0.00	2.00	\$170,000.00	\$25,000.00	\$17,000.00	\$21,200.00	\$233,200.00	
Price Creek Outfall Sewer (Phase I & II)	18	6,500	\$86.00	\$559,000.00	5 13 \$6,896.00	\$89,648.00	150	\$367.00	\$55,050.00	0	0%	\$0.00	0	0%	\$0.00	1.45	39%	\$356,883.50	2.30	61%	\$566,091.08	0.00	0%	\$0.00	0.00	\$703,698.00	\$65,000.00	\$70,369.80	\$83,906.78	\$922,974.58
Elm Creek Trunk Sewer (Phase I & II)	24	24,000	\$110.00	\$2,640,000.00	5 48 \$6,896.00	\$331,008.00	450	\$500.00	\$225,000.00	6.64	100%	\$4,131,169.68	0	0%	\$0.00	0	0%	0	0%	\$0.00	0	0%	\$0.00	6.64	\$3,196,008.00	\$240,000.00	\$319,600.80	\$375,560.88	\$4,131,169.68	
TOTAL				\$6,928,500.00				\$917,084.00	\$463,450.00														\$8,309,034.00	\$670,000.00	\$830,903.40	\$980,993.74	\$10,790,931.14			

OPTION 4

FACILITY	PIPE SIZE	Pipe Length	Pipe Unit	TOTAL SECTION	MANHOLES		TOTAL M.H.	BORE	BORE L.F.	BORE TOTAL	FARMERSVILLE	% FARMERSVILLE		FI	% FI		WYLIE	% WYLIE		WILDWOOD	% WILDWOOD		LAVON	% LAVON		NEVADA	% NEVADA		TOTAL	SUB-TOTAL	ROW	ENGINEERING	CONTINGENCY	TOTAL
	DIA.	FT.	Cost L.F.	\$ COST	Dia.	Qty. Unit Cost	COST	INST. L.F.	COST \$	MGD	% COST	MGD	% COST	MGD	% COST	MGD	% COST	MGD	% COST	MGD	% COST	MGD	% COST	MGD	% COST	MGD	% COST	FLOW MGD	COST \$	COST	10%	10%		
Bear Creek Trunk Sewer (Phase I)	21	17,000	\$100.00	\$1,700,000.00	5	34 \$6,896.00	\$234,464.00	200	\$450.00	\$90,000.00	0	0%	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	2.30	44%	\$1,170,691.76	1.28	25%	\$651,515.41	1.60	31%	\$814,394.27	5.18	\$2,024,464.00	\$170,000.00	\$202,446.40	\$239,691.04	\$2,636,601.44
Bear Creek Trunk Sewer Parallel (Phase II)	27	17,000	\$125.00	\$2,125,000.00	5	34 \$6,896.00	\$234,464.00	200	\$550.00	\$110,000.00	0	0%	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	7.37	59%	\$1,881,039.32	5.07	41%	\$1,294,012.12	12.44	\$2,469,464.00	\$170,000.00	\$246,946.40	\$288,641.04	\$3,175,051.44
Lavon WWTP Relief Sewer (Phase I & II)	12	2,500	\$57.00	\$142,500.00	4	5 \$5,500.00	\$27,500.00	0	\$332.00	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	2.00	100%	\$233,200.00	0.00	0%	\$0.00	2.00	\$170,000.00	\$25,000.00	\$17,000.00	\$21,200.00	\$233,200.00
Price Creek Outfall Sewer (Phase I & II)	15	5,000	\$66.00	\$330,000.00	5	10 \$6,896.00	\$68,960.00	150	\$349.00	\$52,350.00	0	0%	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	2.30	100%	\$601,085.10	0.00	0%	\$0.00	0.00	0%	\$0.00	2.30	\$451,310.00	\$50,000.00	\$45,131.00	\$54,644.10	\$601,085.10
Elm Creek Trunk Sewer (Phase I & II)	24	24,000	\$110.00	\$2,640,000.00	5	48 \$6,896.00	\$331,008.00	450	\$500.00	\$225,000.00	6.64	100%	\$4,131,169.68	0.00	0%	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	0.00	0%	\$0.00	6.64	\$3,196,008.00	\$240,000.00	\$319,600.80	\$375,560.88	\$4,131,169.68
TOTAL				\$6,937,500.00			\$896,396.00			\$477,350.00																		\$8,311,246.00	\$655,000.00	\$831,124.60	\$979,737.06	\$10,777,107.66		

Option 1

Elm Creek FM		Price Creek FM		Bear Creek FM		Wylie ETJ FM	
FL _{in} = 490	ft M.S.L.	FL _{in} = 510	ft M.S.L.	FL _{in} = 450	ft M.S.L.	FL _{in} = 510	ft M.S.L.
FL _{max} = 510	ft M.S.L.	FL _{max} = 550	ft M.S.L.	FL _{max} = 510	ft M.S.L.	FL _{max} = 550	ft M.S.L.
Length = 6000.0	ft	Length = 7000.0	ft	Length = 24000.0	ft	Length = 3500.0	ft
C _{pipe} = 130		C _{pipe} = 130		C _{pipe} = 130		C _{pipe} = 130	
2025 Q _{max} = 5.40	MGD	2025 Q _{max} = 7.40	MGD	2025 Q _{max} = 5.00	MGD	2025 Q _{max} = 1.30	MGD
2040 Q _{max} = 8.60	MGD	2040 Q _{max} = 18.10	MGD	2040 Q _{max} = 15.70	MGD	2040 Q _{max} = 1.30	MGD
Buildout Q _{max} = 66.00	MGD	Buildout Q _{max} = 19.80	MGD	Buildout Q _{max} = 17.50	MGD	Buildout Q _{max} = 1.30	MGD
Δh = 20	ft	Δh = 40	ft	Δh = 60	ft	Δh = 40	ft
h _r = 58.1	ft	h _r = 51.3	ft	h _r = 85.2	ft	h _r = 17.9	ft
TDH = 78.1	ft	TDH = 91.3	ft	TDH = 145.2	ft	TDH = 57.9	ft
Dia _{Initial Pipe} = 18	in	Dia _{Initial Pipe} = 18	in	Dia _{Initial Pipe} = 18	in	Dia _{Initial Pipe} = 10	in
A _{Initial Pipe} = 1.77	ft ²	A _{Initial Pipe} = 1.77	ft ²	A _{Initial Pipe} = 1.77	ft ²	A _{Initial Pipe} = 0.55	ft ²
V _{Initial Pipe} = 7.53	fps	V _{Initial Pipe} = 6.48	fps	V _{Initial Pipe} = 4.38	fps	V _{Initial Pipe} = 3.69	fps
h _f = 16.5	ft	h _f = 32.9	ft	h _f = 114.5	ft		
TDH = 36.5	ft	TDH = 72.9	ft	TDH = 174.5	ft		
Dia _{Parallel 1} = 48	in	Dia _{Parallel 1} = 24	in	Dia _{Parallel 1} = 24	in		
A _{Parallel 1} = 12.57	ft ²	A _{Parallel 1} = 3.14	ft ²	A _{Parallel 1} = 3.14	ft ²		
V _{Parallel 1} = 7.07	fps	V _{Parallel 1} = 6.11	fps	V _{Parallel 1} = 6.16	fps		

Option 2

Elm Creek FM		Price Creek FM		Bear Creek FM		Wylie ETJ FM	
FL _{in} =	490 ft M.S.L.	FL _{in} =	510 ft M.S.L.	FL _{in} =	450 ft M.S.L.	FL _{in} =	510 ft M.S.L.
FL _{max} =	510 ft M.S.L.	FL _{max} =	550 ft M.S.L.	FL _{max} =	510 ft M.S.L.	FL _{max} =	550 ft M.S.L.
Length =	6000.0 ft	Length =	7000.0 ft	Length =	24000.0 ft	Length =	3500.0 ft
C _{pipe} =	130	C _{pipe} =	130	C _{pipe} =	130	C _{pipe} =	130
2025 Q _{max} =	8.70 MGD	2025 Q _{max} =	7.40 MGD	2025 Q _{max} =	5.00 MGD	2025 Q _{max} =	1.30 MGD
2040 Q _{max} =	19.50 MGD	2040 Q _{max} =	18.10 MGD	2040 Q _{max} =	15.70 MGD	2040 Q _{max} =	1.30 MGD
Buildout Q _{max} =	21.20 MGD	Buildout Q _{max} =	19.80 MGD	Buildout Q _{max} =	17.50 MGD	Buildout Q _{max} =	1.30 MGD
Δh =	20 ft	Δh =	40 ft	Δh =	60 ft	Δh =	40 ft
h _y =	59.3 ft	h _y =	51.3 ft	h _y =	85.2 ft	h _y =	17.9 ft
TDH =	79.3 ft	TDH =	91.3 ft	TDH =	145.2 ft	TDH =	57.9 ft
Dia _{Initial Pipe} =	18 in	Dia _{Initial Pipe} =	18 in	Dia _{Initial Pipe} =	18 in	Dia _{Initial Pipe} =	10 in
A _{Initial Pipe} =	1.77 ft ²	A _{Initial Pipe} =	1.77 ft ²	A _{Initial Pipe} =	1.77 ft ²	A _{Initial Pipe} =	0.55 ft ²
V _{Initial Pipe} =	7.62 fps	V _{Initial Pipe} =	6.48 fps	V _{Initial Pipe} =	4.38 fps	V _{Initial Pipe} =	3.69 fps
h _y =	28.6 ft	h _y =	32.9 ft	h _y =	114.5 ft		
TDH =	48.6 ft	TDH =	72.9 ft	TDH =	174.5 ft		
Dia _{Parallel 1} =	24 in	Dia _{Parallel 1} =	24 in	Dia _{Parallel 1} =	24 in		
A _{Parallel 1} =	3.14 ft ²	A _{Parallel 1} =	3.14 ft ²	A _{Parallel 1} =	3.14 ft ²		
V _{Parallel 1} =	6.16 fps	V _{Parallel 1} =	6.11 fps	V _{Parallel 1} =	6.16 fps		

Option 3

[illegible]

Option 4

[illegible]

OPTION 1 - ELM CREEK FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Air Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST			
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST				
I & II	18	6,000	\$86.00	\$516,000.00	3	\$12,580.00	\$37,740.00	2	\$4,644.00	\$9,288.00	0	\$367.00	\$0.00	6.6	77%	\$543,972.07	2	23%	\$164,840.02	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	8.6	\$563,028.00	\$56,302.80	\$61,933.08	\$27,548.21	\$708,812.09
TOTAL		6,000		\$516,000.00			\$37,740.00			\$9,288.00			\$0.00			\$543,972.07			\$164,840.02			\$0.00			\$0.00			\$0.00			\$0.00			\$563,028.00	\$56,302.80	\$61,933.08	\$27,548.21	\$708,812.09		

OPTION 1 - PRICE CREEK FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Air Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST				
I	18	7,000	\$86.00	\$602,000.00	4	\$12,580.00	\$50,320.00	1	\$4,644.00	\$4,644.00	100	\$367.00	\$36,700.00	0	0%	\$0.00	0	0%	\$0.00	0.15	2%	\$17,785.16	2.3	31%	\$272,705.84	3.3	45%	\$391,273.60	1.6	22%	\$189,708.41	7.35	\$693,864.00	\$69,366.40	\$76,303.04	\$32,139.58	\$871,473.02
II	24	7,000	\$125.00	\$875,000.00	4	\$12,580.00	\$50,320.00	1	\$4,644.00	\$4,644.00	100	\$450.00	\$45,000.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	7.4	59%	\$698,386.21	5.1	41%	\$481,320.23	12.5	\$974,964.00	\$97,496.40	\$107,246.04	\$0.00	\$1,179,706.44			
TOTAL		14,000		\$1,477,000.00			\$100,640.00			\$9,288.00			\$81,700.00			\$0.00			\$17,785.16			\$272,705.84			\$1,089,659.81			\$1,668,628.00	\$166,862.80	\$183,549.08	\$32,139.58	\$2,051,179.46					

OPTION 1- BEAR CREEK FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Air Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST	
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST					
I	18	24,000	\$86.00	\$2,064,000.00	12	\$12,580.00	\$150,960.00	1	\$4,644.00	\$4,644.00	250	\$367.00	\$91,750.00	0	0%	\$0.00	0	0%	\$0.00	0.15	3%	\$88,088.82	0	0%	\$0.00	3.2	65%	\$1,879,228.24	1.6	32%	\$939,614.12	4.95	\$2,311,354.00	\$231,135.40	\$254,248.94	\$110,192.84	\$2,906,931.18	
II	24	24,000	\$125.00	\$3,000,000.00	12	\$12,580.00	\$150,960.00	1	\$4,644.00	\$4,644.00	250	\$450.00	\$112,500.00	0	0%	\$0.00	0	0%	\$0.00	0.00	0%	\$0.00	0	0%	\$0.00	7.4	59%	\$2,341,008.26	5.1	41%	\$1,613,397.58	12.5	\$3,268,104.00	\$326,810.40	\$359,491.44	\$0.00	\$3,954,405.84	
TOTAL		48,000		\$5,064,000.00			\$301,920.00			\$9,288.00			\$204,250.00			\$0.00			\$88,088.82			\$0.00			\$0.00			\$4,220,236.49			\$2,553,011.70			\$5,579,458.00	\$557,945.80	\$613,740.38	\$110,192.84	\$6,861,337.02

OPTION 1 - WYLIE ETJ FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Air Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST	
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST		
I & II	10	3,500	\$45.00	\$157,500.00	2	\$12,580.00	\$25,160.00	1	\$4,644.00	\$4,644.00	100	\$332.00	\$33,200.00	0	0%	\$0.00	0	0%	\$0.00	1.3	100%	\$282,879.63	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	1.3		\$220,504.00	\$22,050.40	\$24,255.44	\$16,069.79	\$282,879.63
TOTAL		3,500		\$157,500.00			\$25,160.00			\$4,644.00			\$33,200.00																			\$220,504.00	\$22,050.40	\$24,255.44	\$16,069.79	\$282,879.63		

OPTION 2 - ELM CREEK FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Air Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville				Farmersville Investors, LP				Wylie				Wildwood				Lavon				Nevada				Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST							
I	18	6,000	\$86.00	\$516,000.00	3	\$12,580.00	\$37,740.00	2	\$4,644.00	\$9,288.00	0	\$367.00	\$0.00	0	0%	\$0.00	0	0%	\$0.00	1.45	17%	\$118,818.21	2.3	27%	\$188,470.27	3.3	38%	\$270,413.86	1.6	18%	\$131,109.75	8.65	\$563,028.00	\$56,302.80	\$61,933.08	\$27,548.21	\$708,812.09						
II	24	6,000	\$125.00	\$750,000.00	3	\$12,580.00	\$37,740.00	2	\$4,644.00	\$9,288.00	0	\$450.00	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	7.4	59%	\$570,927.10	5.1	41%	\$393,476.78	12.5	\$797,028.00	\$79,702.80	\$87,673.08	\$0.00	\$964,403.88									
TOTAL		12,000		\$1,266,000.00	6		\$75,480.00			\$18,576.00			\$0.00			\$0.00			\$118,818.21			\$188,470.27			\$841,340.96			\$524,586.53			\$1,360,056.00	\$136,005.60	\$149,606.16	\$27,548.21	\$1,673,215.97								

OPTION 2 - PRICE CREEK FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Air Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST				
I	18	7,000	\$86.00	\$602,000.00	4	\$12,580.00	\$50,320.00	1	\$4,644.00	\$4,644.00	100	\$367.00	\$36,700.00	0	0%	\$0.00	0	0%	\$0.00	0.15	2%	\$17,785.16	2.3	31%	\$272,705.84	3.3	45%	\$391,273.60	1.6	22%	\$189,708.41	7.35	\$693,864.00	\$69,366.40	\$76,303.04	\$32,139.58	\$871,473.02
II	24	7,000	\$125.00	\$875,000.00	4	\$12,580.00	\$50,320.00	1	\$4,644.00	\$4,644.00	100	\$450.00	\$45,000.00	0	0%	\$0.00	0	0%	\$0.00	0.00	0%	\$0.00	7.4	59%	\$698,386.21	5.1	41%	\$481,320.23	12.5	\$974,964.00	\$97,496.40	\$107,246.04	\$0.00	\$1,179,706.44			
TOTAL		14,000		\$1,477,000.00			\$100,640.00			\$9,288.00			\$81,700.00			\$0.00			\$17,785.16			\$272,705.84			\$1,089,659.81			\$1,668,862.80	\$166,862.80	\$183,549.08	\$32,139.58	\$2,051,179.46					

OPTION 2 - BEAR CREEK FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Air Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST	
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST					
I	18	24,000	\$86.00	\$2,064,000.00	12	\$12,580.00	\$150,960.00	1	\$4,644.00	\$4,644.00	250	\$367.00	\$91,750.00	0	0%	\$0.00	0	0%	\$0.00	0.15	3%	\$88,088.82	0	0%	\$0.00	3.2	65%	\$1,879,228.24	1.6	32%	\$939,614.12	4.95	\$2,311,354.00	\$231,135.40	\$254,248.94	\$110,192.84	\$2,906,931.18	
II	24	24,000	\$125.00	\$3,000,000.00	12	\$12,580.00	\$150,960.00	1	\$4,644.00	\$4,644.00	250	\$450.00	\$112,500.00	0	0%	\$0.00	0	0%	\$0.00	0.00	0%	\$0.00	0	0%	\$0.00	7.4	59%	\$2,341,008.26	5.1	41%	\$1,613,397.58	12.5	\$3,268,104.00	\$326,810.40	\$359,491.44	\$0.00	\$3,954,405.84	
TOTAL		48,000		\$5,064,000.00			\$301,920.00			\$9,288.00			\$204,250.00			\$0.00			\$88,088.82			\$0.00			\$0.00			\$4,220,236.49			\$2,553,011.70			\$5,579,458.00	\$557,945.80	\$613,740.38	\$110,192.84	\$6,861,337.02

OPTION 2 - WYLIE ETJ FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Air Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST			
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST				
II	10	3,500	\$45.00	\$157,500.00	2	\$12,580.00	\$25,160.00	1	\$4,644.00	\$4,644.00	100	\$332.00	\$33,200.00	0	0%	\$0.00	0	0%	\$220,504.00	1.3	100%	\$282,879.63	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	1.3	\$220,504.00	\$22,050.40	\$24,255.44	\$16,069.79	\$282,879.63
TOTAL		3,500		\$157,500.00			\$25,160.00			\$4,644.00			\$33,200.00			\$0.00			\$88,088.82			\$0.00			\$4,220,236.49			\$2,553,011.70			\$5,579,458.00			\$5,579,458.00	\$557,945.80	\$613,740.38	\$110,192.84	\$6,861,337.02		

OPTION 3 - ELM CREEK FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	Cost \$	10%	10%	COST	
I & II	16	6,000	\$76.00	\$456,000.00	3	\$12,580.00	\$37,740.00	2	\$4,644.00	\$9,288.00	0	\$360.00	\$0.00	0	0%	\$0.00	0	0%	\$0.00	1.45	38%	\$244,696.96	2.32	62%	\$391,515.13	0	0%	\$0.00	0	0%	\$0.00	3.77	\$503,028.00	\$50,302.80	\$55,333.08	\$27,548.21	\$636,212.09
TOTAL		6,000		\$456,000.00			\$37,740.00			\$9,288.00			\$0.00																			\$503,028.00	\$50,302.80	\$55,333.08	\$27,548.21	\$636,212.09	

OPTION 4 - PRICE CREEK FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST
No.	In.	Fl.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST	
I & II	12	7,000	\$57.00	\$399,000.00	4	\$12,580.00	\$50,320.00	1	\$4,644.00	\$4,644.00	100	\$350.00	\$35,000.00	0	0%	\$0.00	0	0%	\$0.00	0.00	0%	\$0.00	2.32	100%	\$623,786.02	0	0%	\$0.00	0	0%	\$0.00	2.32	\$488,964.00	\$48,896.40	\$53,786.04	\$32,139.58	\$623,786.02
TOTAL		7,000		\$399,000.00			\$50,320.00			\$4,644.00			\$35,000.00																			\$488,964.00	\$48,896.40	\$53,786.04	\$32,139.58	\$623,786.02	

OPTION 4 - WYLIE ETJ FORCE MAIN

PHASE	Pipe Size	Pipe Length	Pipe Unit	Total Section	Air Release Valves		Total A.R.V.	Blow Off Valves		Total B.O.V.	Bore	Bore Unit	Bore Total	Farmersville			Farmersville Investors, LP			Wylie			Wildwood			Lavon			Nevada			Total Flow	SUB-TOTAL	CONTINGENCY	ENGINEERING	ROW	TOTAL COST
No.	In.	Ft.	Cost L.F	Cost	Qty.	Unit Cost	Cost	Qty.	Unit Cost	Cost	L.F.	Cost	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	%	Cost	MGD	COST \$	10%	10%	COST	
I & II	10	14,000	\$45.00	\$630,000.00	7	\$12,580.00	\$88,060.00	1	\$4,644.00	\$4,644.00	100	\$332.00	\$33,200.00	0	0%	\$0.00	0	0%	\$0.00	1.3	100%	\$978,923.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	1.3	\$755,904.00	\$75,590.40	\$83,149.44	\$64,279.16	\$978,923.00
TOTAL		14,000		\$630,000.00			\$88,060.00			\$4,644.00			\$33,200.00																			\$755,904.00	\$75,590.40	\$83,149.44	\$64,279.16	\$978,923.00	

WASTEWATER TREATMENT PLANT & LIFT STATION COSTS

Option 1													
Facility	Farmersville		Farmersville Investors, LP		Wylie		WV Atlantis		Lavon		Nevada		Total Cost
	MGD	%	MGD	%	MGD	%	MGD	%	MGD	%	MGD	%	
Elm Creek Lift Station (Phase I)	3.40	63%	\$850,000	1.97	37%	\$492,500	0.00	0%	\$0	0%	0.00	0%	\$1,342,500
Elm Creek Lift Station (Phase II)	3.20	100%	\$800,000	0.00	0%	\$0	0.00	0%	\$0	0%	0.00	0%	\$800,000
Bear Creek Lift Station (Phase I)	0.00	0%	\$0	0.00	0%	\$0	0.15	3%	\$37,500	0.00	0%	0%	\$1,257,500
Bear Creek Lift Station (Phase II)	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	0%	0.00	0%	\$2,675,000
Price Creek Lift Station (Phase I)	0.00	0%	\$0	0.00	0%	\$0	0.15	2%	\$37,500	2.30	31%	\$1,850,000	\$1,837,500
Price Creek Lift Station (Phase II)	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	0%	0.00	0%	\$2,675,000
Wylie ETJ Lift Station (Phase I & II)	0.00	0%	\$0	0.00	0%	\$0	1.30	100%	\$325,000	0.00	0%	0%	\$325,000
Elm Creek Regional WWTP (Phase I)	1.14	25%	\$4,989,059	0.66	14%	\$2,888,403	0.38	8%	\$1,663,020	0.77	17%	\$3,369,803	\$20,000,000
Elm Creek Regional WWTP (Phase II)	1.07	23%	\$4,562,900	0.00	0%	\$0	0.06	1%	\$255,864	0.00	0%	0%	\$20,000,000
TOTAL			\$11,201,959			\$3,380,903			\$3,944,803			\$9,480,306	\$50,912,500

Option 2													
Facility	Farmersville		Farmersville Investors, LP		Wylie		WV Atlantis		Lavon		Nevada		Total Cost
	MGD	%	MGD	%	MGD	%	MGD	%	MGD	%	MGD	%	
Elm Creek Lift Station (Phase I)	0.00	0%	\$0	0.00	0%	\$0	1.45	17%	\$362,500	2.32	27%	\$560,000	\$2,182,500
Elm Creek Lift Station (Phase II)	0.00	0%	\$0	0.00	0%	\$0	0.17	2%	\$42,500	0.00	0%	\$0	\$2,705,000
Bear Creek Lift Station (Phase I)	0.00	0%	\$0	0.00	0%	\$0	0.15	3%	\$37,500	0.00	0%	\$0	\$1,257,500
Bear Creek Lift Station (Phase II)	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	0%	0.00	0%	\$2,675,000
Price Creek Lift Station (Phase I)	0.00	0%	\$0	0.00	0%	\$0	0.15	2%	\$37,500	2.30	31%	\$1,850,000	\$1,837,500
Price Creek Lift Station (Phase II)	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	0%	0.00	0%	\$2,675,000
Wylie ETJ Lift Station (Phase I & II)	0.00	0%	\$0	0.00	0%	\$0	1.30	100%	\$325,000	0.00	0%	0%	\$325,000
Elm Creek Regional WWTP (Phase I)	1.14	25%	\$4,989,059	0.66	14%	\$2,888,403	0.38	8%	\$1,663,020	0.77	17%	\$3,369,803	\$20,000,000
Elm Creek Regional WWTP (Phase II)	1.07	23%	\$4,562,900	0.00	0%	\$0	0.06	1%	\$255,864	0.00	0%	0%	\$20,000,000
TOTAL			\$9,551,959			\$2,888,403			\$4,524,803			\$10,680,306	\$53,637,500

Option 3													
Facility	Farmersville		Farmersville Investors, LP		Wylie		WV Atlantis		Lavon		Nevada		Total Cost
	MGD	%	MGD	%	MGD	%	MGD	%	MGD	%	MGD	%	
Elm Creek Lift Station (Phase I & II)	0.00	0%	\$0	0.00	0%	\$0	1.45	38%	\$362,500	2.32	62%	\$580,000	\$942,500
Wylie ETJ Lift Station (Phase I & II)	0.00	0%	\$0	0.00	0%	\$0	1.30	100%	\$325,000	0.00	0%	\$0	\$325,000
Price Creek Lift Station (Phase I & II)	0.00	0%	\$0	0.00	0%	\$0	0.15	6%	\$37,500	2.32	94%	\$560,000	\$617,500
Bear Creek Regional WWTP (Phase I)	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	\$8,000,000
Bear Creek Regional WWTP (Phase II)	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	1.09	67%	\$5,382,716	\$14,000,000
Elm Creek Regional WWTP (Phase I)	1.14	39%	\$4,637,288	0.66	22%	\$2,684,746	0.38	13%	\$1,545,763	0.77	26%	\$3,132,203	\$12,000,000
Elm Creek Regional WWTP (Phase II)	1.07	95%	\$5,681,416	0.00	0%	\$0	0.06	5%	\$318,594	0.00	0%	\$0	\$6,000,000
TOTAL			\$10,318,704			\$2,684,746			\$15,056,873			\$6,943,127	\$41,885,000

Option 4													
Facility	Farmersville		Farmersville Investors, LP		Wylie		WV Atlantis		Lavon		Nevada		Total Cost
	MGD	%	MGD	%	MGD	%	MGD	%	MGD	%	MGD	%	
Wylie ETJ Lift Station (Phase I & II)	0.00	0%	\$0	0.00	0%	\$0	1.30	100%	\$325,000	0.00	0%	\$0	\$325,000
Price Creek Lift Station (Phase I & II)	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	2.32	100%	\$580,000	\$580,000
Bear Creek Regional WWTP (Phase I)	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	0.77	32%	\$3,221,757	\$10,000,000
Bear Creek Regional WWTP (Phase II)	0.00	0%	\$0	0.00	0%	\$0	0.00	0%	\$0	2.46	69%	\$11,056,180	\$16,000,000
Elm Creek Regional WWTP (Phase I)	1.14	52%	\$5,223,358	0.66	30%	\$3,027,523	0.38	17%	\$1,743,119	0.00	0%	\$0	\$10,000,000
Elm Creek Regional WWTP (Phase II)	1.07	95%	\$3,787,611	0.00	0%	\$0	0.06	5%	\$212,389	0.00	0%	\$0	\$4,000,000
TOTAL			\$9,016,968			\$3,027,523			\$15,616,849			\$7,161,393	\$40,905,000

Option 1 - Lift Station Operation & Maintenance Costs

Elm Creek Lift Station															
Year	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Total	Farmersville	Farm. Invest.	Lavon	Nevada	WY Atlantis	Wylie ETJ	
2015	0.63	20.5	3	2	19,780	\$2,769	\$40,651	\$43,420	\$40,415	\$3,005	\$0	\$0	\$0	\$0	
2016	0.76	20.7	4	3	24,133	\$3,379	\$40,651	\$44,029	\$35,206	\$8,823	\$0	\$0	\$0	\$0	
2017	0.92	20.9	4	3	29,362	\$4,111	\$40,651	\$44,761	\$30,893	\$13,868	\$0	\$0	\$0	\$0	
2018	1.09	21.3	5	4	35,570	\$4,980	\$40,651	\$45,630	\$27,374	\$18,256	\$0	\$0	\$0	\$0	
2019	1.20	21.5	6	5	39,605	\$5,545	\$40,651	\$46,195	\$26,044	\$20,152	\$0	\$0	\$0	\$0	
2020	1.29	21.7	7	5	42,920	\$6,009	\$40,651	\$46,659	\$25,321	\$21,338	\$0	\$0	\$0	\$0	
2021	1.45	22.1	8	6	49,003	\$6,860	\$40,651	\$47,511	\$25,912	\$21,599	\$0	\$0	\$0	\$0	
2022	1.54	22.4	8	6	52,584	\$7,362	\$40,651	\$48,012	\$27,443	\$20,569	\$0	\$0	\$0	\$0	
2023	1.62	22.7	9	6	56,263	\$7,877	\$40,651	\$48,527	\$28,870	\$19,657	\$0	\$0	\$0	\$0	
2024	1.71	22.9	9	7	60,046	\$8,406	\$40,651	\$49,057	\$30,212	\$18,845	\$0	\$0	\$0	\$0	
2025	1.80	23.2	10	7	63,936	\$8,951	\$40,651	\$49,602	\$31,483	\$18,118	\$0	\$0	\$0	\$0	
Elm Creek Lift Station Phase I O&M Cost:															
2026	1.86	23.4	10	8	66,655	\$9,332	\$60,651	\$69,982	\$45,248	\$24,734	\$0	\$0	\$0	\$0	
2027	1.92	23.6	11	8	69,427	\$9,720	\$60,651	\$70,370	\$46,281	\$24,090	\$0	\$0	\$0	\$0	
2028	1.98	23.8	11	8	72,255	\$10,116	\$60,651	\$70,766	\$47,279	\$23,488	\$0	\$0	\$0	\$0	
2029	2.04	24.1	12	9	75,140	\$10,520	\$60,651	\$71,170	\$48,247	\$22,924	\$0	\$0	\$0	\$0	
2030	2.10	24.3	12	9	78,083	\$10,932	\$60,651	\$71,582	\$49,188	\$22,394	\$0	\$0	\$0	\$0	
2031	2.17	24.5	12	9	81,218	\$11,371	\$60,651	\$72,021	\$50,145	\$21,876	\$0	\$0	\$0	\$0	
2032	2.23	24.8	13	10	84,561	\$11,839	\$60,651	\$72,489	\$51,119	\$21,370	\$0	\$0	\$0	\$0	
2033	2.30	25.1	13	10	88,130	\$12,338	\$60,651	\$72,989	\$52,113	\$20,875	\$0	\$0	\$0	\$0	
2034	2.37	25.4	14	10	91,944	\$12,872	\$60,651	\$73,523	\$53,129	\$20,393	\$0	\$0	\$0	\$0	
2035	2.45	25.7	15	11	96,024	\$13,443	\$60,651	\$74,094	\$54,170	\$19,924	\$0	\$0	\$0	\$0	
2036	2.53	26.0	15	11	100,392	\$14,055	\$60,651	\$74,706	\$55,238	\$19,468	\$0	\$0	\$0	\$0	
2037	2.61	26.4	16	12	105,074	\$14,710	\$60,651	\$75,361	\$56,336	\$19,025	\$0	\$0	\$0	\$0	
2038	2.69	26.8	17	13	110,104	\$15,415	\$60,651	\$76,065	\$57,468	\$18,597	\$0	\$0	\$0	\$0	
2039	2.78	27.2	18	13	115,504	\$16,171	\$60,651	\$76,821	\$58,638	\$18,183	\$0	\$0	\$0	\$0	
2040	2.87	27.6	19	14	121,315	\$16,984	\$60,651	\$77,635	\$59,851	\$17,784	\$0	\$0	\$0	\$0	
Elm Creek Lift Station Phase II O&M Cost:															
Elm Creek Lift Station Total O&M Cost:						\$189,816	\$909,759	\$1,099,575	\$784,450	\$315,125	\$0	\$0	\$0	\$0	
Elm Creek Lift Station Total O&M Cost:						\$256,064	\$1,356,916	\$1,612,980	\$1,113,623	\$499,357	\$0	\$0	\$0	\$0	

Static Head: 20 feet

Force Main Length: 6 000 feet

Hazen Williams "C": 130

Pipe Diameter: 18 inch

Pipe Area: 1.8 square feet

Hydraulic Radius: 0.375 feet

Wire to Water Effi 75%

Power Cost: \$0.14 per kWh

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

Phase I: 2015 to 2025 FM 1 FM 2 Equivalent FM

Phase II: 2026 to 2040 18 0 18

Phase III: 2041 to Buildout 18 48 49

Bear Creek Lift Station													
Year	Annual Power Consumption (kWh)			Annual Maintenance Cost	Annual O&M Cost			WY Atlantis	WY ETJ				
	Avg. Flow (mgd)	TDH (feet)	Power (HP)		Power (kW)	Total	Farmersville			Farm. Invest.	Lavon	Nevada	
2015	0.79	62.8	12	9	75,419	\$10,559	\$60,507	\$71,065	\$0	\$43,711	\$2,833	\$0	\$4,521
2016	0.85	63.2	13	9	81,772	\$11,448	\$60,507	\$71,955	\$0	\$44,578	\$23,127	\$0	\$4,250
2017	0.91	63.7	14	10	88,775	\$12,429	\$60,507	\$72,935	\$0	\$45,495	\$23,442	\$0	\$3,998
2018	0.98	64.2	15	11	96,515	\$13,512	\$60,507	\$74,019	\$0	\$46,473	\$23,783	\$0	\$3,764
2019	1.06	64.8	16	12	105,090	\$14,713	\$60,507	\$75,219	\$0	\$47,520	\$24,153	\$0	\$3,547
2020	1.14	65.6	18	13	114,620	\$16,047	\$60,507	\$76,554	\$0	\$48,649	\$24,558	\$0	\$3,347
2021	1.23	66.4	19	14	125,245	\$17,534	\$60,507	\$78,041	\$0	\$49,874	\$25,005	\$0	\$3,162
2022	1.33	67.4	21	16	137,132	\$19,198	\$60,507	\$79,705	\$0	\$51,212	\$25,500	\$0	\$2,993
2023	1.44	68.5	23	17	150,482	\$21,067	\$60,507	\$81,574	\$0	\$52,683	\$26,054	\$0	\$2,837
2024	1.55	69.8	25	19	165,536	\$23,175	\$60,507	\$83,682	\$0	\$54,310	\$26,675	\$0	\$2,696
2025	1.68	71.3	28	21	182,586	\$25,562	\$60,507	\$86,069	\$0	\$56,123	\$27,378	\$0	\$2,568
Bear Creek Lift Station Phase I O&M Cost: \$185,244													
2026	1.81	61.6	26	19	170,449	\$23,863	\$166,926	\$190,789	\$0	\$124,972	\$60,547	\$0	\$5,270
2027	1.96	61.8	28	21	184,866	\$25,881	\$166,926	\$192,807	\$0	\$126,843	\$61,035	\$0	\$4,929
2028	2.11	62.1	31	23	200,655	\$28,092	\$166,926	\$195,018	\$0	\$128,833	\$61,570	\$0	\$4,615
2029	2.28	62.4	33	25	217,977	\$30,517	\$166,926	\$197,443	\$0	\$130,960	\$62,159	\$0	\$4,323
2030	2.47	62.8	36	27	236,867	\$33,161	\$166,926	\$200,087	\$0	\$133,226	\$62,805	\$0	\$4,056
2031	2.66	63.2	39	29	257,653	\$36,071	\$166,926	\$202,997	\$0	\$135,665	\$63,524	\$0	\$3,809
2032	2.88	63.7	43	32	280,592	\$39,283	\$166,926	\$206,209	\$0	\$138,305	\$64,323	\$0	\$3,581
2033	3.11	64.3	47	35	305,947	\$42,833	\$166,926	\$209,758	\$0	\$141,176	\$65,211	\$0	\$3,371
2034	3.36	65.0	51	38	334,072	\$46,770	\$166,926	\$213,696	\$0	\$144,318	\$66,201	\$0	\$3,178
2035	3.63	65.8	56	42	365,358	\$51,150	\$166,926	\$218,076	\$0	\$147,754	\$67,321	\$0	\$3,000
2036	3.93	66.7	61	46	400,285	\$56,040	\$166,926	\$222,966	\$0	\$151,548	\$68,580	\$0	\$2,838
2037	4.25	67.7	67	50	439,393	\$61,515	\$166,926	\$228,441	\$0	\$155,748	\$70,003	\$0	\$2,690
2038	4.59	68.9	74	55	483,412	\$67,678	\$166,926	\$234,604	\$0	\$160,429	\$71,620	\$0	\$2,555
2039	4.96	70.3	82	61	533,127	\$74,638	\$166,926	\$241,564	\$0	\$165,674	\$73,456	\$0	\$2,433
2040	5.22	71.3	87	65	589,270	\$79,698	\$166,926	\$246,624	\$0	\$167,524	\$76,740	\$0	\$2,360
Bear Creek Lift Station Phase II O&M Cost: \$697,189													
Bear Creek Lift Station Total O&M Cost: \$3,169,463					\$2,503,888	\$3,201,077	\$0	\$2,693,604	\$1,267,603	\$0	\$53,008	\$0	\$90,690

Static Head:	60	feet
Force Main Length:	24,000	feet
Hazen Williams "C":	130	
Pipe Diameter:	18	inch
Pipe Area:	1.8	square feet
Hydraulic Radius:	0.375	feet
Wire to Water Effi	75%	
Power Cost:	\$0.14	per kWh
Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost		
Phase I: 2015 to 2025	FM 1	Equivalent FM
	18	0
Phase II: 2026 to 2040	18	24
Phase III: 2041 to Buildout	18	24
		28

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

Phase	Year	Equation
Phase I: 2015 to 2025	18	0
Phase II: 2026 to 2040	18	24
Phase III: 2041 to Buildout	18	24
		28
		28

Price Creek Lift Station														
Year	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Annual O&M Cost					WY Atlantis	Wyle ETJ
								Total	Farmersville	Farm. Invest.	Lavon	Nevada		
2015	0.88	41.0	8	6	55,131	\$7,718	\$54,652	\$62,371	\$0	\$0	\$34,274	\$17,904	\$6,647	\$3,545
2016	1.03	41.3	10	7	65,359	\$9,150	\$54,652	\$63,803	\$0	\$0	\$32,360	\$16,789	\$11,569	\$3,085
2017	1.19	41.8	12	9	76,182	\$10,666	\$54,652	\$65,318	\$0	\$0	\$31,142	\$16,047	\$15,392	\$2,736
2018	1.36	42.2	13	10	87,690	\$12,277	\$54,652	\$66,929	\$0	\$0	\$30,421	\$15,568	\$18,477	\$2,464
2019	1.53	42.8	15	11	99,987	\$13,998	\$54,652	\$68,650	\$0	\$0	\$30,075	\$15,286	\$21,045	\$2,245
2020	1.71	43.4	17	13	113,193	\$15,847	\$54,652	\$70,499	\$0	\$0	\$30,032	\$15,160	\$23,242	\$2,066
2021	1.89	44.1	20	15	127,445	\$17,842	\$54,652	\$72,495	\$0	\$0	\$30,245	\$15,163	\$25,169	\$1,918
2022	2.10	45.0	22	17	144,767	\$20,267	\$54,652	\$74,920	\$0	\$0	\$30,465	\$15,170	\$27,505	\$1,780
2023	2.21	45.5	24	18	153,650	\$21,511	\$54,652	\$76,163	\$0	\$0	\$31,995	\$15,823	\$26,623	\$1,723
2024	2.32	46.0	25	19	163,521	\$22,893	\$54,652	\$77,545	\$0	\$0	\$33,603	\$16,504	\$25,770	\$1,668
2025	2.45	46.6	27	20	174,516	\$24,432	\$54,652	\$79,085	\$0	\$0	\$35,299	\$17,220	\$24,951	\$1,615
Price Creek Lift Station Phase I O&M Cost:								\$601,175	\$0	\$0	\$349,910	\$176,632	\$226,399	\$24,845
2026	2.58	40.9	25	18	161,472	\$22,606	\$133,324	\$155,930	\$0	\$0	\$71,590	\$34,684	\$46,638	\$3,019
2027	2.73	41.0	26	20	170,958	\$23,934	\$133,324	\$157,258	\$0	\$0	\$74,162	\$35,686	\$44,529	\$2,882
2028	2.89	41.1	28	22	181,298	\$25,382	\$133,324	\$158,706	\$0	\$0	\$76,777	\$36,692	\$42,487	\$2,750
2029	3.06	41.2	29	22	192,580	\$26,961	\$133,324	\$160,285	\$0	\$0	\$79,440	\$37,706	\$40,517	\$2,622
2030	3.24	41.4	31	23	204,806	\$28,673	\$133,324	\$161,997	\$0	\$0	\$82,139	\$38,722	\$38,635	\$2,501
2031	3.44	41.5	33	25	218,161	\$30,543	\$133,324	\$163,867	\$0	\$0	\$84,901	\$39,754	\$36,828	\$2,384
2032	3.65	41.7	36	27	232,778	\$32,589	\$133,324	\$165,913	\$0	\$0	\$87,739	\$40,805	\$35,098	\$2,272
2033	3.88	41.9	38	28	248,782	\$34,829	\$133,324	\$168,154	\$0	\$0	\$90,663	\$41,879	\$33,447	\$2,165
2034	4.13	42.1	41	30	266,344	\$37,288	\$133,324	\$170,612	\$0	\$0	\$93,695	\$42,979	\$31,875	\$2,063
2035	4.41	42.4	44	33	285,644	\$39,990	\$133,324	\$173,315	\$0	\$0	\$96,841	\$44,124	\$30,383	\$1,967
2036	4.70	42.7	47	35	306,900	\$42,966	\$133,324	\$176,290	\$0	\$0	\$100,132	\$45,312	\$28,971	\$1,875
2037	5.02	43.1	51	38	330,342	\$46,248	\$133,324	\$179,572	\$0	\$0	\$103,586	\$46,558	\$27,640	\$1,789
2038	5.36	43.5	55	41	356,288	\$49,880	\$133,324	\$183,205	\$0	\$0	\$107,236	\$47,873	\$26,387	\$1,708
2039	5.74	43.9	59	44	385,056	\$53,908	\$133,324	\$187,232	\$0	\$0	\$111,118	\$49,267	\$25,215	\$1,632
2040	6.00	44.2	62	46	405,632	\$56,788	\$133,324	\$190,113	\$0	\$0	\$112,502	\$51,536	\$24,490	\$1,585
Price Creek Lift Station Phase II O&														

Static Head:	40	feet
Force Main Length:	7,000	feet
Hazen Williams "C":	130	
Pipe Diameter:	18	inch
Pipe Area:	1.8	square feet
Hydraulic Radius:	0.375	feet
Wire to Water Eff	75%	
Power Cost:	\$0.14	per kWh

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost			
Phase I: 2015 to 2025	FM 1	FM 2	Equivalent FM
	18	0	18
Phase II: 2026 to 2040	18	24	28
Phase III: 2041 to Buildout	18	24	28

Option 1 - Lift Station Operation & Maintenance Costs

Option 1 - Lift Station Operation & Maintenance Costs														
Wylie ETJ Lift Station														
Year	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Total	Farmersville	Farm. Invest.	Lavon	Nevada	WY Atlantis	Wylie ETJ
2015	0.25	40.9	2	2	15,710	\$2,199	\$10,954	\$13,153	\$0	\$0	\$0	\$0	\$0	\$13,153
2016	0.26	40.9	2	2	15,961	\$2,235	\$10,954	\$13,188	\$0	\$0	\$0	\$0	\$0	\$13,188
2017	0.26	40.9	2	2	16,213	\$2,270	\$10,954	\$13,224	\$0	\$0	\$0	\$0	\$0	\$13,224
2018	0.26	40.9	3	2	16,466	\$2,305	\$10,954	\$13,259	\$0	\$0	\$0	\$0	\$0	\$13,259
2019	0.27	41.0	3	2	16,719	\$2,341	\$10,954	\$13,294	\$0	\$0	\$0	\$0	\$0	\$13,294
2020	0.27	41.0	3	2	16,980	\$2,377	\$10,954	\$13,331	\$0	\$0	\$0	\$0	\$0	\$13,331
2021	0.28	41.1	3	2	17,743	\$2,484	\$10,954	\$13,438	\$0	\$0	\$0	\$0	\$0	\$13,438
2022	0.29	41.1	3	2	18,510	\$2,591	\$10,954	\$13,545	\$0	\$0	\$0	\$0	\$0	\$13,545
2023	0.31	41.2	3	2	19,281	\$2,699	\$10,954	\$13,653	\$0	\$0	\$0	\$0	\$0	\$13,653
2024	0.32	41.3	3	2	20,057	\$2,808	\$10,954	\$13,762	\$0	\$0	\$0	\$0	\$0	\$13,762
2025	0.33	41.4	3	2	20,828	\$2,916	\$10,954	\$13,870	\$0	\$0	\$0	\$0	\$0	\$13,870
Wylie ETJ Lift Station Phase I O&M Cost: \$27,226														
2026	0.34	41.5	3	2	21,613	\$3,026	\$10,954	\$13,980	\$0	\$0	\$0	\$0	\$0	\$13,980
2027	0.35	41.6	3	3	22,403	\$3,136	\$10,954	\$14,090	\$0	\$0	\$0	\$0	\$0	\$14,090
2028	0.36	41.7	4	3	23,197	\$3,248	\$10,954	\$14,201	\$0	\$0	\$0	\$0	\$0	\$14,201
2029	0.38	41.8	4	3	23,996	\$3,360	\$10,954	\$14,313	\$0	\$0	\$0	\$0	\$0	\$14,313
2030	0.39	41.9	4	3	24,801	\$3,472	\$10,954	\$14,426	\$0	\$0	\$0	\$0	\$0	\$14,426
2031	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2032	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2033	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2034	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2035	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2036	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2037	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2038	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2039	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2040	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
Wylie ETJ Lift Station Phase II O&M Cost: \$164,307														
Wylie ETJ Lift Station Total O&M Cost: \$284,799														
									\$215,307	\$0	\$0	\$0	\$0	\$215,307
									\$363,024	\$0	\$0	\$0	\$0	\$363,024

Static Head: 40 feet
Force Main Length: 3,500 feet
Hazen Williams "C": 130
Pipe Diameter: 10 inch
Pipe Area: 0.5 square feet
Hydraulic Radius: 0.208333 feet
Wire to Water Eff: 75%
Power Cost: \$0.14 per kWh

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

Phase I: 2015 to 2025 FM 1 FM 2 Equivalent FM

Phase II: 2026 to 2040 10 0 10

Phase III: 2041 to Buildout 10 0 10

Option 2 - Lift Station Operation & Maintenance Costs

Option 2 - Lift Station Operation & maintenance costs														
Elm Creek Lift Station														
Year	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Total	Farmersville	Farm. Invest.	Lavon	Nevada	WY Atlantis	Wylie ETJ
2015	1.13	21.4	6	4	36,937	\$5,171	\$61,151	\$66,322	\$0	\$0	\$28,342	\$14,805	\$5,497	\$17,678
2016	1.29	21.7	7	5	42,841	\$5,998	\$61,151	\$67,148	\$0	\$0	\$27,312	\$14,170	\$9,764	\$15,903
2017	1.45	22.2	8	6	49,218	\$6,890	\$61,151	\$68,041	\$0	\$0	\$26,652	\$13,733	\$13,173	\$14,484
2018	1.62	22.6	9	6	56,142	\$7,860	\$61,151	\$69,010	\$0	\$0	\$26,277	\$13,447	\$15,960	\$13,327
2019	1.80	23.2	10	7	63,702	\$8,918	\$61,151	\$70,069	\$0	\$0	\$26,133	\$13,283	\$18,287	\$12,367
2020	1.98	23.8	11	8	72,006	\$10,081	\$61,151	\$71,231	\$0	\$0	\$26,185	\$13,218	\$20,265	\$11,564
2021	2.17	24.5	12	9	81,551	\$11,417	\$61,151	\$72,568	\$0	\$0	\$26,338	\$13,204	\$21,917	\$11,109
2022	2.40	25.5	14	11	93,362	\$13,071	\$61,151	\$74,221	\$0	\$0	\$26,478	\$13,184	\$23,905	\$10,653
2023	2.52	26.0	15	11	99,875	\$13,982	\$61,151	\$75,133	\$0	\$0	\$27,725	\$13,711	\$23,070	\$10,628
2024	2.64	26.5	16	12	107,166	\$15,003	\$61,151	\$76,154	\$0	\$0	\$29,034	\$14,260	\$22,267	\$10,593
2025	2.78	27.2	18	13	115,352	\$16,149	\$61,151	\$77,300	\$0	\$0	\$30,416	\$14,837	\$21,499	\$10,548
Elm Creek Lift Station Phase I O&M Cost:														
2026	2.92	21.0	14	11	93,691	\$13,117	\$138,420	\$151,536	\$0	\$0	\$61,466	\$29,780	\$40,043	\$20,248
2027	3.08	21.1	15	11	99,183	\$13,886	\$138,420	\$152,305	\$0	\$0	\$63,613	\$30,609	\$38,195	\$19,888
2028	3.25	21.2	16	12	105,173	\$14,724	\$138,420	\$153,144	\$0	\$0	\$65,790	\$31,441	\$36,407	\$19,506
2029	3.43	21.3	17	13	111,717	\$15,640	\$138,420	\$154,060	\$0	\$0	\$67,999	\$32,275	\$34,682	\$19,103
2030	3.63	21.4	18	14	118,829	\$16,636	\$138,420	\$155,056	\$0	\$0	\$70,227	\$33,106	\$33,032	\$18,691
2031	3.82	21.6	19	14	126,203	\$17,668	\$138,420	\$156,088	\$0	\$0	\$72,677	\$34,030	\$31,526	\$17,854
2032	4.04	21.8	21	15	134,319	\$18,805	\$138,420	\$157,224	\$0	\$0	\$75,167	\$34,959	\$30,069	\$17,029
2033	4.27	21.9	22	16	143,278	\$20,059	\$138,420	\$158,479	\$0	\$0	\$77,695	\$35,888	\$28,662	\$16,233
2034	4.52	22.2	23	17	153,198	\$21,448	\$138,420	\$159,867	\$0	\$0	\$80,272	\$36,822	\$27,308	\$15,466
2035	4.79	22.4	25	19	164,207	\$22,989	\$138,420	\$161,409	\$0	\$0	\$82,899	\$37,771	\$26,009	\$14,730
2036	5.09	22.7	27	20	176,459	\$24,704	\$138,420	\$163,124	\$0	\$0	\$85,597	\$38,735	\$24,766	\$14,026
2037	5.41	23.0	29	22	190,126	\$26,618	\$138,420	\$165,037	\$0	\$0	\$88,378	\$39,723	\$23,582	\$13,355
2038	5.75	23.4	31	23	205,437	\$28,761	\$138,420	\$167,181	\$0	\$0	\$91,263	\$40,742	\$22,457	\$12,718
2039	6.12	23.8	34	25	222,635	\$31,169	\$138,420	\$169,589	\$0	\$0	\$94,278	\$41,801	\$21,394	\$12,116
2040	6.38	24.1	36	27	235,075	\$32,910	\$138,420	\$171,330	\$0	\$0	\$96,234	\$43,625	\$20,731	\$11,741
Elm Creek Lift Station Phase II O&M Cost:														
Elm Creek Lift Station Total O&M Cost:														
Elm Creek Lift Station Total O&M Cost:														
Elm Creek Lift Station Total O&M Cost:														

Option 2 - Lift Station Operation & Maintenance Costs

Bear Creek Lift Station												
Year	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Total	Farmersville	Farm. Invest.	Lavon	Annual O&M Cost
2015	0.89	63.5	13	10	85,947	\$12,033	\$60,507	\$72,539	\$0	\$0	\$39,581	\$12,283
2016	0.95	63.9	14	11	92,487	\$12,948	\$60,507	\$73,455	\$0	\$0	\$40,700	\$11,640
2017	1.01	64.4	15	11	99,706	\$13,959	\$60,507	\$74,466	\$0	\$0	\$41,861	\$11,035
2018	1.08	65.0	16	12	107,694	\$15,077	\$60,507	\$75,584	\$0	\$0	\$43,075	\$10,465
2019	1.16	65.7	18	13	116,554	\$16,318	\$60,507	\$76,824	\$0	\$0	\$44,351	\$9,931
2020	1.24	66.5	19	14	126,412	\$17,698	\$60,507	\$78,205	\$0	\$0	\$45,702	\$9,432
2021	1.33	67.4	21	16	137,415	\$19,238	\$60,507	\$79,745	\$0	\$0	\$47,143	\$8,967
2022	1.43	68.4	23	17	149,737	\$20,963	\$60,507	\$81,470	\$0	\$0	\$48,690	\$8,536
2023	1.54	69.6	25	19	163,589	\$22,902	\$60,507	\$83,409	\$0	\$0	\$50,365	\$8,138
2024	1.65	71.0	27	20	179,222	\$25,091	\$60,507	\$85,598	\$0	\$0	\$52,191	\$7,772
2025	1.78	72.5	30	22	196,939	\$27,572	\$60,507	\$88,078	\$0	\$0	\$54,200	\$7,439
Bear Creek Lift Station Phase I O&M Cost:												
2026	1.91	61.8	28	21	180,350	\$25,249	\$166,926	\$192,175	\$0	\$0	\$119,290	\$15,090
2027	2.06	62.0	30	22	194,875	\$27,282	\$166,926	\$194,208	\$0	\$0	\$121,550	\$14,171
2028	2.21	62.3	32	24	210,789	\$29,511	\$166,926	\$196,436	\$0	\$0	\$123,907	\$13,314
2029	2.38	62.6	35	26	228,256	\$31,956	\$166,926	\$198,882	\$0	\$0	\$126,380	\$12,516
2030	2.57	63.0	38	28	247,312	\$34,624	\$166,926	\$201,550	\$0	\$0	\$128,971	\$11,779
2031	2.76	63.5	41	31	268,289	\$37,561	\$166,926	\$204,486	\$0	\$0	\$131,717	\$11,094
2032	2.98	64.0	45	33	291,450	\$40,803	\$166,926	\$207,729	\$0	\$0	\$134,648	\$10,459
2033	3.21	64.6	49	36	317,059	\$44,388	\$166,926	\$211,314	\$0	\$0	\$137,794	\$9,871
2034	3.46	65.3	53	39	345,479	\$48,367	\$166,926	\$215,293	\$0	\$0	\$141,197	\$9,327
2035	3.73	66.1	58	43	377,105	\$52,795	\$166,926	\$219,721	\$0	\$0	\$144,882	\$8,826
2036	4.03	67.0	63	47	412,425	\$57,740	\$166,926	\$224,665	\$0	\$0	\$148,912	\$8,366
2037	4.35	68.0	69	52	451,987	\$63,278	\$166,926	\$230,204	\$0	\$0	\$153,339	\$7,945
2038	4.69	69.2	76	57	496,530	\$69,514	\$166,926	\$236,440	\$0	\$0	\$158,238	\$7,561
2039	5.06	70.6	84	62	546,851	\$76,559	\$166,926	\$243,485	\$0	\$0	\$163,694	\$7,213
2040	5.32	71.7	89	67	583,443	\$81,682	\$166,926	\$248,608	\$0	\$0	\$165,700	\$7,004
Bear Creek Lift Station Phase II O&M Cost:												
2041						\$721,308	\$2,503,888	\$3,225,196	\$0	\$0	\$2,100,219	\$970,442
Bear Creek Lift Station Total O&M Cost:												
						\$925,106	\$3,169,463	\$4,094,569	\$0	\$0	\$2,608,077	\$1,226,320
												\$154,535
												\$260,172

Static Head: 60 feet
Force Main Length: 24,000 feet
Hazen Williams "C": 130
Pipe Diameter: 18 inch
Pipe Area: 1.8 square feet
Hydraulic Radius: 0.375 feet
Wire to Water Effi: 75%
Power Cost: \$0.14 per kWh

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

Equivalent FM

Phase I: 2015 to 2025

Phase II: 2026 to 2040

Phase III: 2041 to Buildout

FM 1 18 0 18
FM 2 0 24 28
24 28

Price Creek Lift Station														
Year	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Power Cost	Annual Maintenance Cost	Total	Farmersville	Farm. Invest.	Annual O&M Cost	Nevada	WY Atlantis	Wylie ETJ
2015	0.98	41.2	9	7	61,727	\$8,642	\$54,652	\$83,294	\$0	\$0	\$31,231	\$16,314	\$6,057	\$9,692
2016	1.13	41.6	11	8	72,114	\$10,096	\$54,652	\$64,748	\$0	\$0	\$29,944	\$15,535	\$10,705	\$8,564
2017	1.29	42.0	13	9	83,121	\$11,637	\$54,652	\$66,289	\$0	\$0	\$66,289	\$15,026	\$14,413	\$7,687
2018	1.46	42.5	15	11	94,843	\$13,278	\$54,652	\$67,930	\$0	\$0	\$28,759	\$14,717	\$17,467	\$6,987
2019	1.63	43.1	16	12	107,384	\$15,034	\$54,652	\$69,686	\$0	\$0	\$28,655	\$14,564	\$20,051	\$6,416
2020	1.81	43.8	19	14	120,868	\$16,922	\$54,652	\$71,574	\$0	\$0	\$28,801	\$14,539	\$22,290	\$5,944
2021	1.99	44.5	21	15	135,437	\$18,961	\$54,652	\$73,613	\$0	\$0	\$29,169	\$14,824	\$24,273	\$5,548
2022	2.20	45.5	23	17	153,158	\$21,442	\$54,652	\$76,094	\$0	\$0	\$29,539	\$14,708	\$26,669	\$5,178
2023	2.31	45.9	25	19	162,253	\$22,715	\$54,652	\$77,368	\$0	\$0	\$31,094	\$15,377	\$25,873	\$5,024
2024	2.42	46.5	26	20	172,362	\$24,132	\$54,652	\$78,783	\$0	\$0	\$32,731	\$16,076	\$25,102	\$4,874
2025	2.55	47.1	28	21	183,626	\$25,708	\$54,652	\$80,360	\$0	\$0	\$34,461	\$16,811	\$24,358	\$4,730
Price Creek Lift Station Phase I O&M Cost:											\$789,740	\$188,292	\$217,258	\$70,644
2026	2.68	41.0	26	19	167,991	\$23,519	\$133,324	\$156,843	\$0	\$0	\$69,325	\$33,567	\$45,162	\$8,769
2027	2.83	41.1	27	20	177,519	\$24,853	\$133,324	\$158,177	\$0	\$0	\$71,958	\$34,625	\$43,205	\$8,389
2028	2.99	41.2	29	21	187,907	\$26,307	\$133,324	\$159,631	\$0	\$0	\$74,638	\$35,670	\$41,304	\$8,020
2029	3.16	41.3	31	23	199,243	\$27,894	\$133,324	\$161,218	\$0	\$0	\$77,371	\$36,723	\$39,462	\$7,662
2030	3.34	41.4	32	24	213,614	\$29,614	\$133,324	\$162,938	\$0	\$0	\$80,143	\$37,695	\$37,695	\$7,320
2031	3.54	41.6	34	26	224,955	\$31,494	\$133,324	\$164,818	\$0	\$0	\$82,980	\$38,854	\$35,995	\$6,989
2032	3.75	41.8	37	27	239,661	\$33,551	\$133,324	\$166,875	\$0	\$0	\$85,895	\$39,948	\$34,360	\$6,672
2033	3.98	42.0	39	29	255,744	\$35,804	\$133,324	\$169,129	\$0	\$0	\$88,900	\$41,064	\$32,796	\$6,368
2034	4.23	42.2	42	31	273,410	\$38,277	\$133,324	\$171,602	\$0	\$0	\$92,013	\$42,208	\$31,303	\$6,078
2035	4.51	42.5	45	33	292,827	\$40,996	\$133,324	\$174,320	\$0	\$0	\$95,242	\$43,395	\$29,881	\$5,802
2036	4.80	42.8	48	36	314,217	\$43,990	\$133,324	\$177,315	\$0	\$0	\$98,616	\$44,626	\$28,532	\$5,540
2037	5.12	43.2	52	39	337,812	\$47,294	\$133,324	\$180,818	\$0	\$0	\$102,154	\$45,914	\$27,257	\$5,293
2038	5.46	43.6	56	42	363,933	\$50,951	\$133,324	\$184,275	\$0	\$0	\$105,888	\$47,271	\$26,056	\$5,059
2039	5.84	44.0	60	45	392,902	\$55,006	\$133,324	\$188,331	\$0	\$0	\$109,854	\$48,707	\$24,928	\$4,840
2040	6.10	44.4	63	47	413,625	\$57,907	\$133,324	\$191,232	\$0	\$0	\$111,308	\$50,989	\$24,230	\$4,705
Price Creek Lift Station Phase II O&M Cost:											\$2,567,322	\$621,363	\$502,166	\$97,508

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost	FM 1	FM 2	Equivalent FM
Phase I: 2015 to 2025	18	0	18
Phase II: 2026 to 2040	18	24	28
Phase III: 2041 to Buildout	18	24	28

Option 2 - Lift Station Operation & Maintenance Costs

Option 2 - Lift Station Operation & Maintenance Costs														
Wylie ETJ Lift Station														
Year	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Total	Farmersville	Farm. Invest.	Lavon	Nevada	WY Atlantis	Wylie ETJ
2015	0.25	40.9	2	2	15,710	\$2,199	\$10,954	\$13,153	\$0	\$0	\$0	\$0	\$0	\$13,153
2016	0.26	40.9	2	2	15,961	\$2,235	\$10,954	\$13,188	\$0	\$0	\$0	\$0	\$0	\$13,188
2017	0.26	40.9	2	2	16,213	\$2,270	\$10,954	\$13,224	\$0	\$0	\$0	\$0	\$0	\$13,224
2018	0.26	40.9	3	2	16,466	\$2,305	\$10,954	\$13,259	\$0	\$0	\$0	\$0	\$0	\$13,259
2019	0.27	41.0	3	2	16,719	\$2,341	\$10,954	\$13,294	\$0	\$0	\$0	\$0	\$0	\$13,294
2020	0.27	41.0	3	2	16,980	\$2,377	\$10,954	\$13,331	\$0	\$0	\$0	\$0	\$0	\$13,331
2021	0.28	41.1	3	2	17,743	\$2,484	\$10,954	\$13,438	\$0	\$0	\$0	\$0	\$0	\$13,438
2022	0.29	41.1	3	2	18,510	\$2,591	\$10,954	\$13,545	\$0	\$0	\$0	\$0	\$0	\$13,545
2023	0.31	41.2	3	2	19,281	\$2,699	\$10,954	\$13,653	\$0	\$0	\$0	\$0	\$0	\$13,653
2024	0.32	41.3	3	2	20,057	\$2,808	\$10,954	\$13,762	\$0	\$0	\$0	\$0	\$0	\$13,762
2025	0.33	41.4	3	2	20,828	\$2,916	\$10,954	\$13,870	\$0	\$0	\$0	\$0	\$0	\$13,870
Wylie ETJ Lift Station Phase I O&M Cost:									\$0	\$0	\$0	\$0	\$0	\$147,717
2026	0.34	41.5	3	2	21,613	\$3,026	\$10,954	\$13,980	\$0	\$0	\$0	\$0	\$0	\$13,980
2027	0.35	41.6	3	3	22,403	\$3,136	\$10,954	\$14,090	\$0	\$0	\$0	\$0	\$0	\$14,090
2028	0.36	41.7	4	3	23,197	\$3,248	\$10,954	\$14,201	\$0	\$0	\$0	\$0	\$0	\$14,201
2029	0.38	41.8	4	3	23,996	\$3,360	\$10,954	\$14,313	\$0	\$0	\$0	\$0	\$0	\$14,313
2030	0.39	41.9	4	3	24,801	\$3,472	\$10,954	\$14,426	\$0	\$0	\$0	\$0	\$0	\$14,426
2031	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2032	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2033	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2034	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2035	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2036	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2037	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2038	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2039	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
2040	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$14,430
Wylie ETJ Lift Station Phase II O&M Cost:									\$0	\$0	\$0	\$0	\$0	\$215,307
Wylie ETJ Lift Station Total O&M Cost:									\$0	\$0	\$0	\$0	\$0	\$363,024

Static Head: 40 feet
 Force Main Length: 3,500 feet
 Hazen Williams "C": 130
 Pipe Diameter: 10 inch
 Pipe Area: 0.5 square feet
 Hydraulic Radius: 0.208333 feet
 Wire to Water Eff: 75%
 Power Cost: \$0.14 per kWh

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

Option 3 - Lift Station Operation & Maintenance Costs

Elm Creek Lift Station														
Year	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Total	Farmersville	Farm. Invest.	Lavon	Nevada	WY Atlantis	Wylie ETJ
2015	0.35	20.3	2	1	10,698	\$1,498	\$29,925	\$31,422	\$0	\$0	\$0	\$0	\$8,533	\$22,890
2016	0.44	20.4	2	2	13,830	\$1,936	\$29,925	\$31,861	\$0	\$0	\$0	\$0	\$13,489	\$18,372
2017	0.54	20.6	3	2	17,035	\$2,385	\$29,925	\$32,309	\$0	\$0	\$0	\$0	\$16,812	\$15,497
2018	0.64	20.8	3	2	20,327	\$2,846	\$29,925	\$32,770	\$0	\$0	\$0	\$0	\$19,258	\$13,513
2019	0.74	21.1	4	3	23,721	\$3,321	\$29,925	\$33,246	\$0	\$0	\$0	\$0	\$21,181	\$12,065
2020	0.83	21.4	4	3	27,232	\$3,813	\$29,925	\$33,737	\$0	\$0	\$0	\$0	\$22,768	\$10,969
2021	0.94	21.7	5	4	31,160	\$4,362	\$29,925	\$34,287	\$0	\$0	\$0	\$0	\$23,986	\$10,321
2022	1.07	22.2	6	4	36,146	\$5,060	\$29,925	\$34,985	\$0	\$0	\$0	\$0	\$25,335	\$9,650
2023	1.08	22.2	6	4	36,613	\$5,126	\$29,925	\$35,050	\$0	\$0	\$0	\$0	\$25,109	\$9,942
2024	1.09	22.3	6	4	37,081	\$5,191	\$29,925	\$35,116	\$0	\$0	\$0	\$0	\$24,887	\$10,229
2025	1.10	22.3	6	4	37,547	\$5,257	\$29,925	\$35,181	\$0	\$0	\$0	\$0	\$24,673	\$10,508
Elm Creek Lift Station Phase I O&M Cost:									\$369,965	\$0	\$0	\$0	\$226,010	\$143,955
2026	1.11	22.3	6	4	38,019	\$5,323	\$29,925	\$35,247	\$0	\$0	\$0	\$0	\$24,461	\$10,786
2027	1.12	22.4	6	4	38,495	\$5,389	\$29,925	\$35,314	\$0	\$0	\$0	\$0	\$24,254	\$11,060
2028	1.14	22.4	6	4	38,972	\$5,456	\$29,925	\$35,381	\$0	\$0	\$0	\$0	\$24,052	\$11,329
2029	1.15	22.5	6	5	39,452	\$5,523	\$29,925	\$35,448	\$0	\$0	\$0	\$0	\$23,853	\$11,595
2030	1.16	22.5	6	5	39,934	\$5,591	\$29,925	\$35,515	\$0	\$0	\$0	\$0	\$23,659	\$11,856
2031	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
2032	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
2033	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
2034	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
2035	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
2036	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
2037	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
2038	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
2039	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
2040	1.16	22.5	6	5	39,950	\$5,593	\$29,925	\$35,518	\$0	\$0	\$0	\$0	\$23,653	\$11,865
Elm Creek Lift Station Phase II O&M Cost:									\$532,081	\$0	\$0	\$0	\$366,808	\$175,273
Elm Creek Lift Station Total O&M Cost:									\$902,046	\$0	\$0	\$0	\$582,818	\$319,228

Static Head: 20 feet
 Force Main Length: 6,000 feet
 Hazen Williams "C": 130
 Pipe Diameter: 16 inch
 Pipe Area: 1.4 square feet
 Hydraulic Radius: 0.333333 feet
 Wire to Water Effi 75%
 Power Cost: \$0.14 per kWh

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

Phase I: 2015 to 2025 FM 1 FM 2 Equivalent FM

Phase II: 2026 to 2040 16 0 16

Year	Price Creek Lift Station																	
	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Annual O&M Cost										
								Total	Farmersville	Farm. Invest.	Lavon							
2015	0.35	41.3	3	2	21,783	\$3,050	\$21,675	\$24,725	\$0	\$0	\$0	\$6,714	\$18,011					
2016	0.44	42.0	4	3	28,446	\$3,982	\$21,675	\$25,658	\$0	\$0	\$0	\$10,863	\$14,795					
2017	0.54	42.9	5	4	35,457	\$4,964	\$21,675	\$26,639	\$0	\$0	\$0	\$13,862	\$12,778					
2018	0.64	44.0	7	5	42,882	\$6,004	\$21,675	\$27,679	\$0	\$0	\$0	\$16,266	\$11,413					
2019	0.74	45.1	8	6	50,783	\$7,110	\$21,675	\$28,785	\$0	\$0	\$0	\$18,339	\$10,446					
2020	0.83	46.5	9	7	59,233	\$8,293	\$21,675	\$29,968	\$0	\$0	\$0	\$20,224	\$9,744					
2021	0.94	48.1	11	8	69,015	\$9,662	\$21,675	\$31,337	\$0	\$0	\$0	\$21,904	\$9,433					
2022	1.07	50.2	13	9	81,926	\$11,470	\$21,675	\$33,145	\$0	\$0	\$0	\$24,002	\$9,143					
2023	1.08	50.4	13	9	83,161	\$11,643	\$21,675	\$33,318	\$0	\$0	\$0	\$23,867	\$9,450					
2024	1.09	50.7	13	10	84,406	\$11,817	\$21,675	\$33,492	\$0	\$0	\$0	\$23,736	\$9,756					
2025	1.10	50.9	13	10	85,648	\$11,991	\$21,675	\$33,666	\$0	\$0	\$0	\$23,611	\$10,056					
Price Creek Lift Station Phase I O&M Cost:												\$238,429	\$328,413	\$0	\$0	\$0	\$203,389	\$125,024
2026	1.11	51.1	13	10	86,914	\$12,168	\$21,675	\$33,843	\$0	\$0	\$0	\$23,487	\$10,356					
2027	1.12	51.3	14	10	88,192	\$12,347	\$21,675	\$34,022	\$0	\$0	\$0	\$23,367	\$10,655					
2028	1.14	51.5	14	10	89,480	\$12,527	\$21,675	\$34,203	\$0	\$0	\$0	\$23,251	\$10,952					
2029	1.15	51.7	14	10	90,779	\$12,709	\$21,675	\$34,384	\$0	\$0	\$0	\$23,138	\$11,247					
2030	1.16	51.9	14	11	92,089	\$12,892	\$21,675	\$34,568	\$0	\$0	\$0	\$23,028	\$11,540					
2031	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
2032	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
2033	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
2034	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
2035	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
2036	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
2037	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
2038	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
2039	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
2040	1.16	52.0	14	11	92,132	\$12,898	\$21,675	\$34,574	\$0	\$0	\$0	\$23,024	\$11,549					
Price Creek Lift Station Phase II O&M Cost:												\$191,628	\$516,758	\$0	\$0	\$0	\$346,514	\$170,244
Price Creek Lift Station Total O&M Cost:												\$563,559	\$845,171	\$0	\$0	\$0	\$549,902	\$295,269

Static Head:	40	feet
Force Main Length:	7,000	feet
Hazen Williams "C":	130	
Pipe Diameter:	12	inch
Pipe Area:	0.8	square feet
Hydraulic Radius:	0.25	feet
Wire to Water Eff	75%	
Power Cost:	\$0.14	per kWh

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost		
	FM 1	FM 2
Phase I: 2015 to 2025	12	0
Phase II: 2026 to 2040	12	0
Phase III: 2041 to Buildout	12	0
		Equivalent FM

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

Year	Wylie ETJ Lift Station														
	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Maintenance Cost	Annual	Total	Farmersville	Farm. Invest.	Lavon	Nevada	WY Atlantis	Wylie ETJ
2015	0.25	40.9	2	2	15,710	\$2,199	\$10,954	\$13,153	\$0	\$0	\$0	\$0	\$0	\$0	\$13,153
2016	0.26	40.9	2	2	15,961	\$2,235	\$10,954	\$13,188	\$0	\$0	\$0	\$0	\$0	\$0	\$13,188
2017	0.26	40.9	2	2	16,213	\$2,270	\$10,954	\$13,224	\$0	\$0	\$0	\$0	\$0	\$0	\$13,224
2018	0.26	40.9	3	2	16,466	\$2,305	\$10,954	\$13,259	\$0	\$0	\$0	\$0	\$0	\$0	\$13,259
2019	0.27	41.0	3	2	16,719	\$2,341	\$10,954	\$13,294	\$0	\$0	\$0	\$0	\$0	\$0	\$13,294
2020	0.27	41.0	3	2	16,980	\$2,377	\$10,954	\$13,331	\$0	\$0	\$0	\$0	\$0	\$0	\$13,331
2021	0.28	41.1	3	2	17,743	\$2,484	\$10,954	\$13,438	\$0	\$0	\$0	\$0	\$0	\$0	\$13,438
2022	0.29	41.1	3	2	18,510	\$2,591	\$10,954	\$13,545	\$0	\$0	\$0	\$0	\$0	\$0	\$13,545
2023	0.31	41.2	3	2	19,281	\$2,699	\$10,954	\$13,653	\$0	\$0	\$0	\$0	\$0	\$0	\$13,653
2024	0.32	41.3	3	2	20,057	\$2,808	\$10,954	\$13,762	\$0	\$0	\$0	\$0	\$0	\$0	\$13,762
2025	0.33	41.4	3	2	20,828	\$2,916	\$10,954	\$13,870	\$0	\$0	\$0	\$0	\$0	\$0	\$13,870
Wylie ETJ Lift Station Phase I O&M Cost:															
2026	0.34	41.5	3	2	21,613	\$3,026	\$10,954	\$13,980	\$0	\$0	\$0	\$0	\$0	\$0	\$13,980
2027	0.35	41.6	3	3	22,403	\$3,136	\$10,954	\$14,090	\$0	\$0	\$0	\$0	\$0	\$0	\$14,090
2028	0.36	41.7	4	3	23,197	\$3,248	\$10,954	\$14,201	\$0	\$0	\$0	\$0	\$0	\$0	\$14,201
2029	0.38	41.8	4	3	23,996	\$3,360	\$10,954	\$14,313	\$0	\$0	\$0	\$0	\$0	\$0	\$14,313
2030	0.39	41.9	4	3	24,801	\$3,472	\$10,954	\$14,426	\$0	\$0	\$0	\$0	\$0	\$0	\$14,426
2031	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
2032	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
2033	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
2034	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
2035	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
2036	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
2037	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
2038	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
2039	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
2040	0.39	41.9	4	3	24,827	\$3,476	\$10,954	\$14,430	\$0	\$0	\$0	\$0	\$0	\$0	\$14,430
Wylie ETJ Lift Station Phase II O&M Cost:															
2041						\$51,000	\$164,307	\$215,307	\$0	\$0	\$0	\$0	\$0	\$0	\$215,307
Wylie ETJ Lift Station Total O&M Cost:															
2042						\$78,225	\$284,799	\$363,024	\$0	\$0	\$0	\$0	\$0	\$0	\$363,024

Static Head:	40	feet
Force Main Length:	3,500	feet
Hazen Williams "C":	130	
Pipe Diameter:	10	inch
Pipe Area:	0.5	square feet
Hydraulic Radius:	0.208333	feet
Wire to Water Effi	75%	
Power Cost:	\$0.14	per kWh

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

Phase	FM 1	FM 2	Equivalent FM
Phase I: 2015 to 2025	10	0	10
Phase II: 2026 to 2040	10	0	10
Phase III: 2041 to Buildout	10	0	10

Year	Price Creek Lift Station										
	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Total	Farmersville	Farm. Invest.	Annual O&M Cost
2015	0.35	41.3	3	2	21,783	\$3,050	\$20,738	\$23,788	\$0	\$0	\$0
2016	0.44	42.0	4	3	28,446	\$3,982	\$20,738	\$24,720	\$0	\$0	\$0
2017	0.54	42.9	5	4	35,457	\$4,964	\$20,738	\$25,702	\$0	\$0	\$0
2018	0.64	44.0	7	5	42,882	\$6,004	\$20,738	\$26,741	\$0	\$0	\$0
2019	0.74	45.1	8	6	50,783	\$7,110	\$20,738	\$27,848	\$0	\$0	\$0
2020	0.83	46.5	9	7	59,233	\$8,293	\$20,738	\$29,030	\$0	\$0	\$0
2021	0.94	48.1	11	8	69,015	\$9,662	\$20,738	\$30,400	\$0	\$0	\$0
2022	1.07	50.2	13	9	81,926	\$11,470	\$20,738	\$32,208	\$0	\$0	\$0
2023	1.08	50.4	13	9	83,161	\$11,643	\$20,738	\$32,380	\$0	\$0	\$0
2024	1.09	50.7	13	10	84,406	\$11,817	\$20,738	\$32,555	\$0	\$0	\$0
2025	1.10	50.9	13	10	85,648	\$11,991	\$20,738	\$32,729	\$0	\$0	\$0
Price Creek Lift Station Phase I O&M Cost:											
2026	1.11	51.1	13	10	86,914	\$12,168	\$20,738	\$32,906	\$0	\$0	\$0
2027	1.12	51.3	14	10	88,192	\$12,347	\$20,738	\$33,085	\$0	\$0	\$0
2028	1.14	51.5	14	10	89,480	\$12,527	\$20,738	\$33,265	\$0	\$0	\$0
2029	1.15	51.7	14	10	90,779	\$12,709	\$20,738	\$33,447	\$0	\$0	\$0
2030	1.16	51.9	14	11	92,089	\$12,892	\$20,738	\$33,630	\$0	\$0	\$0
2031	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2032	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2033	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2034	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2035	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2036	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2037	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2038	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2039	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2040	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
Price Creek Lift Station Phase II O&M Cost:											
2026	1.11	51.1	13	10	86,914	\$12,168	\$20,738	\$32,906	\$0	\$0	\$0
2027	1.12	51.3	14	10	88,192	\$12,347	\$20,738	\$33,085	\$0	\$0	\$0
2028	1.14	51.5	14	10	89,480	\$12,527	\$20,738	\$33,265	\$0	\$0	\$0
2029	1.15	51.7	14	10	90,779	\$12,709	\$20,738	\$33,447	\$0	\$0	\$0
2030	1.16	51.9	14	11	92,089	\$12,892	\$20,738	\$33,630	\$0	\$0	\$0
2031	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2032	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2033	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2034	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2035	1.16	52.0	14	11	92,132	\$12,898	\$20,738	\$33,636	\$0	\$0	\$0
2036	1.16	52.0	14	11	92,132	\$12,898	\$20,738				

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

FM 1 FM 2 FM 2 Equivalent FM

Phase	Year	Equivalency
Phase I: 2015 to 2025	12	0
Phase II: 2026 to 2040	12	0
Phase III: 2041 to Buildout	12	0

Option 4 - Lift Station Operation & Maintenance Costs

Year	Wylie ETJ Lift Station												
	Avg. Flow (mgd)	TDH (feet)	Power (HP)	Power (kW)	Annual Power Consumption (kWh)	Annual Power Cost	Annual Maintenance Cost	Annual O&M Cost					
								Total	Farmersville	Farm. Invest.	Lavon	Nevada	WY Atlantis
2015	0.25	43.4	3	2	16,699	\$2,338	\$17,914	\$20,252	\$0	\$0	\$0	\$0	\$20,252
2016	0.26	43.5	3	2	16,995	\$2,379	\$17,914	\$20,294	\$0	\$0	\$0	\$0	\$20,294
2017	0.26	43.6	3	2	17,292	\$2,421	\$17,914	\$20,335	\$0	\$0	\$0	\$0	\$20,335
2018	0.26	43.7	3	2	17,591	\$2,463	\$17,914	\$20,377	\$0	\$0	\$0	\$0	\$20,377
2019	0.27	43.8	3	2	17,892	\$2,505	\$17,914	\$20,419	\$0	\$0	\$0	\$0	\$20,419
2020	0.27	43.9	3	2	18,205	\$2,549	\$17,914	\$20,463	\$0	\$0	\$0	\$0	\$20,463
2021	0.28	44.3	3	2	19,123	\$2,677	\$17,914	\$20,591	\$0	\$0	\$0	\$0	\$20,591
2022	0.29	44.6	3	2	20,058	\$2,808	\$17,914	\$20,722	\$0	\$0	\$0	\$0	\$20,722
2023	0.31	44.9	3	2	21,010	\$2,941	\$17,914	\$20,856	\$0	\$0	\$0	\$0	\$20,856
2024	0.32	45.3	3	3	21,979	\$3,077	\$17,914	\$20,991	\$0	\$0	\$0	\$0	\$20,991
2025	0.33	45.6	4	3	22,956	\$3,214	\$17,914	\$21,128	\$0	\$0	\$0	\$0	\$21,128
Wylie ETJ Lift Station Phase I O&M Cost:													
2026	0.34	46.0	4	3	23,962	\$3,355	\$17,914	\$21,269	\$0	\$0	\$0	\$0	\$21,269
2027	0.35	46.4	4	3	24,987	\$3,498	\$17,914	\$21,412	\$0	\$0	\$0	\$0	\$21,412
2028	0.36	46.8	4	3	26,032	\$3,645	\$17,914	\$21,559	\$0	\$0	\$0	\$0	\$21,559
2029	0.38	47.2	4	3	27,098	\$3,794	\$17,914	\$21,708	\$0	\$0	\$0	\$0	\$21,708
2030	0.39	47.6	4	3	28,184	\$3,946	\$17,914	\$21,860	\$0	\$0	\$0	\$0	\$21,860
2031	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
2032	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
2033	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
2034	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
2035	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
2036	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
2037	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
2038	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
2039	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
2040	0.39	47.6	4	3	28,219	\$3,951	\$17,914	\$21,865	\$0	\$0	\$0	\$0	\$21,865
Wylie ETJ Lift Station Phase II O&M Cost:													
								\$326,457	\$0	\$0	\$0	\$0	\$326,457
								\$552,886	\$0	\$0	\$0	\$0	\$552,886
Wylie ETJ Lift Station Total O&M Cost:								\$268,713	\$0	\$0	\$0	\$0	\$268,457
								\$465,770	\$0	\$0	\$0	\$0	\$465,886
								\$87,116	\$0	\$0	\$0	\$0	\$87,116
								\$57,744	\$0	\$0	\$0	\$0	\$57,744

Static Head: 40 feet
Force Main Length: 14,000 feet
Hazen Williams "C": 130
Pipe Diameter: 10 inch
Pipe Area: 0.5 square feet
Hydraulic Radius: 0.208333 feet
Wire to Water Effi: 75%
Power Cost: \$0.14 per kWh

Annual Maintenance Cost = 2.5% of Lift Station Capital Cost + 1% of Force Main Capital Cost

FM 1 FM 2 Equivalent FM

Phase I: 2015 to 2025 10 0 10

Phase II: 2026 to 2040 10 0 10

Phase III: 2041 to Buildout 10 0 10

WASTEWATER TREATMENT PLANTS - OPERATION & MAINTENANCE COSTS

Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	Phase I	Phase II	TOTAL
Lavon Avg. Daily Flow (gpd)	483,375	524,462	569,041	617,410	669,889	726,830	788,611	855,643	928,372	1,007,284	1,092,903	1,185,800	1,286,593	1,395,953	1,514,609	1,642,375	1,780,875	1,931,125	2,094,000	2,270,750	2,462,250	2,670,000	2,895,125	3,139,375	3,404,250	3,548,750	8,263,819	33,221,829	41,485,648
Lavon Annual Volume (gallons)	176,431,875	191,428,584	207,700,014	225,354,515	244,509,649	265,292,969	287,842,872	312,309,516	338,855,825	367,656,570	398,909,548	432,816,860	469,606,293	509,522,828	552,832,268	599,466,875	650,019,375	704,860,625	764,310,000	828,823,750	898,721,250	974,550,000	1,056,720,625	1,145,871,875	1,242,551,250	1,295,293,750	3,016,293,936	12,125,967,623	15,142,261,559
Lavon Annual Volume/1,000	176,432	191,429	207,700	225,355	244,510	265,293	287,843	312,310	338,856	367,659	398,910	432,817	469,606	509,523	552,832	599,467	650,019	704,861	764,310	828,824	898,721	974,550	1,056,721	1,145,872	1,242,551	1,295,294	3,016,294	12,125,968	15,142,262
Lavon Treatment O&M Cost:	\$141,148	\$153,143	\$166,160	\$180,284	\$195,608	\$212,234	\$230,274	\$249,848	\$271,085	\$294,127	\$319,128	\$346,253	\$375,685	\$407,618	\$442,266	\$479,574	\$520,016	\$563,889	\$611,448	\$663,059	\$718,977	\$779,640	\$845,377	\$916,698	\$994,041	\$1,036,235	\$2,413,035	\$9,700,774	\$12,113,809
Nevada Avg. Daily Flow (gpd)	252,500	272,094	293,208	315,961	340,480	366,901	395,373	426,054	459,116	494,743	533,135	574,506	619,088	667,129	718,898	774,250	833,875	898,125	967,250	1,041,625	1,121,875	1,208,250	1,301,250	1,401,500	1,509,375	1,625,625	4,149,566	15,262,622	19,412,188
Nevada Annual Volume (gallons)	92,162,500	99,314,310	107,021,100	115,325,938	124,275,231	133,918,989	144,311,102	155,508,644	167,577,192	180,581,182	194,594,282	209,694,798	225,967,114	243,502,162	262,397,930	282,601,250	304,364,375	327,815,625	353,048,250	380,193,125	409,464,375	441,011,250	474,956,250	511,547,500	550,921,875	593,353,125	1,514,591,469	5,570,857,005	7,085,448,473
Nevada Annual Volume/1,000	92,163	99,314	107,021	115,326	124,275	133,919	144,311	155,510	167,577	180,581	194,594	209,695	225,967	243,502	262,398	282,601	304,364	327,816	353,046	380,193	409,464	441,011	474,956	511,548	550,922	593,353	1,514,591	5,570,857	7,085,448
Nevada Treatment O&M Cost:	\$73,730	\$79,451	\$85,617	\$92,261	\$99,420	\$107,135	\$115,449	\$124,408	\$134,062	\$144,465	\$155,675	\$167,756	\$180,774	\$194,802	\$209,918	\$226,081	\$243,492	\$262,253	\$282,437	\$304,155	\$327,588	\$352,809	\$379,965	\$409,238	\$440,738	\$474,683	\$1,211,673	\$4,456,686	\$5,668,359
WY Atlantis Avg. Daily Flow (gpd)	93,750	187,500	281,250	375,000	468,750	562,500	656,250	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	772,500	5,715,000	11,587,500	17,302,500
WY Atlantis Annual Volume (gallons)	34,218,750	68,437,500	102,656,250	136,875,000	171,093,750	205,312,500	239,531,250	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	281,962,500	2,085,975,000	4,229,437,500	6,315,412,500
WY Atlantis Annual Volume/1,000	34,219	68,438	102,656	136,875	171,094	205,313	239,531	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	281,963	2,085,975	4,229,438	6,315,413
WY Atlantis Treatment O&M Cost:	\$27,375	\$54,750	\$82,125	\$109,500	\$136,875	\$164,250	\$191,625	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$225,570	\$1,668,780	\$3,383,550	\$5,052,330
Wylie Avg. Daily Flow (gpd)	301,500	305,375	309,250	313,125	317,000	321,000	332,625	344,250	355,875	367,500	379,000	390,625	402,250	413,875	425,500	437,125	437,500	437,500	437,500	437,500	437,500	437,500	437,500	437,500	437,500	437,500	3,646,500	6,444,375	10,090,875
Wylie Annual Volume (gallons)	110,047,500	111,461,875	112,876,250	114,290,625	115,705,000	117,165,000	121,408,125	125,651,250	129,694,375	134,137,500	138,335,000	142,578,125	146,821,250	151,064,375	155,307,500	159,550,625	159,687,500	159,687,500	159,687,500	159,687,500	159,687,500	159,687,500	159,687,500	159,687,500	159,687,500	159,687,500	1,330,972,500	2,352,196,875	3,683,169,375
Wylie Annual Volume/1,000	110,048	111,462	112,876	114,291	115,705	117,165	121,408	125,651	129,694	134,138	138,335	142,578	146,821	151,064	155,308	159,551	159,688	159,688	159,688	159,688	159,688	159,688	159,688	159,688	159,688	159,688	1,330,973	2,352,197	3,683,169
Wylie Treatment O&M Cost:	\$88,038	\$89,170	\$90,301	\$91,433	\$92,564	\$93,732	\$97,127	\$100,521	\$103,916	\$107,310	\$110,668	\$114,063	\$117,457	\$120,852	\$124,246	\$127,641	\$127,750	\$127,750	\$127,750	\$127,750	\$127,750	\$127,750	\$127,750	\$127,750	\$127,750	\$127,750	\$1,064,778	\$1,881,758	\$2,946,536
Farmersville Avg. Daily Flow (gpd)	588,500	611,000	633,500	656,000	678,500	700,875	789,375	877,875	966,375	1,054,875	1,143,375	1,203,750	1,264,125	1,324,500	1,384,875	1,445,250	1,508,250	1,574,000	1,642,625	1,714,250	1,789,000	1,867,000	1,948,375	2,033,375	2,122,000	2,214,500	8,700,250	25,035,875	33,736,125
Farmersville Annual Volume (gallons)	214,802,500	223,015,000	231,227,500	239,440,000	247,652,500	255,819,375	288,121,875	320,424,375	352,726,875	385,026,375	417,331,875	439,368,750	461,405,625	483,442,500	505,479,375	527,516,250	550,511,250	574,510,000	599,558,125	625,701,250	652,985,000	681,455,000	711,156,875	742,181,875	774,530,000	808,292,500	3,175,591,250	9,138,094,375	12,313,685,625
Farmersville Annual Volume/1,000	214,803	223,015	231,228	239,440	247,653	255,819	288,122	320,424	352,727	385,029	417,332	439,369	461,406	483,443	505,479	527,516	550,511	574,510	599,558	625,701	652,985	681,455	711,157	742,182	774,530	808,293	3,175,591	9,138,094	12,313,688
Farmersville Treatment O&M Cost:	\$171,842	\$178,412	\$184,982	\$191,552	\$198,122	\$204,656	\$230,498	\$256,340	\$282,182	\$308,024	\$333,866	\$351,495	\$369,125	\$386,754	\$404,384	\$422,013	\$440,409	\$459,608	\$479,647	\$500,561	\$522,388	\$545,164	\$568,926	\$593,746	\$619,624	\$646,634	\$2,540,473	\$7,310,476	\$9,850,949
Farm. Invest. Avg. Daily Flow (gpd)	43,750	153,125	284,375	437,500	525,000	590,625	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	5,324,375	9,870,000	15,194,375
Farm. Invest. Annual Volume (gallons)	15,968,750	55,890,625	103,796,875	159,687,500	191,625,000	215,578,125	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	240,170,000	1,943,396,875	3,602,550,000	5,545,946,875
Farm. Invest. Annual Volume/1,000	15,969	55,891	103,797	159,688	191,625	215,578	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	240,170	1,943,397	3,602,550	5,545,947
Farm. Invest. Treatment O&M Cost:	\$12,775	\$44,713	\$83,038	\$127,750	\$153,300	\$172,463	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$192,136	\$1,554,718	\$2,882,040	\$4,436,758
Total Avg. Daily Flow (gpd)	1,763,375	2,053,556	2,370,625	2,714,966	2,999,620	3,268,731	3,620,233	3,934,321	4,140,238	4,354,902	4,578,913	4,785,181	5,002,556	5,231,957	5,474,382	5,729,500	5,991,000	6,271,250	6,571,875	6,894,625	7,241,125	7,613,250	8,012,750	8,442,250	8,903,625	9,256,875	35,799,510	101,422,201	137,221,711
Total Annual Volume (gallons)	643,631,875	749,547,894	865,277,990	990,973,578	1,094,861,130	1,193,086,958	1,321,385,224	1,436,027,284	1,511,186,766	1,589,539,127	1,671,303,205	1,746,591,033	1,825,932,782	1,909,684,365	1,998,149,573	2,091,267,500	2,186,715,000	2,289,006,250	2,398,734,375	2,516,538,125	2,643,010,625	2,778,836,250	2,924,653,750	3,081,421,250	3,249,823,125	3,378,759,375	13,066,821,030	37,019,103,377	50,085,924,407
Total Annual Volume/1,000	643,632	749,548	865,278	990,974	1,094,861	1,193,087	1,321,385	1,436,027	1,511,187	1,589,539	1,671,303	1,746,591	1,825,933	1,909,684	1,998,150	2,091,268	2,186,715	2,289,008	2,398,734	2,516,538	2,643,011	2,778,836	2,924,654	3,081,421	3,249,823	3,378,759	13,066,821	37,019,103	50,085,924
Total Treatment O&M Cost:																													

Option 1 Phase I - Initial System (2015-2025)															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Bear Creek Trunk Sewer (Phase I)	\$2,328,535	0.0%	0.0%	0.0%	0.0%	44.4%	55.6%	100.0%	\$0	\$0	\$0	\$0	\$1,034,905	\$1,293,631	\$2,328,535
Lavon WWTP Relief Sewer (Phase I & II)	\$233,200	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	\$0	\$0	\$0	\$0	\$233,200	\$0	\$233,200
Price Creek Outfall Sewer (Phase I & II)	\$1,048,149	0.0%	0.0%	16.8%	26.6%	38.2%	18.5%	100.0%	\$0	\$0	\$175,701	\$278,699	\$399,872	\$193,877	\$1,048,149
Elm Creek Trunk Sewer (Phase I & II)	\$4,131,170	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	\$4,131,170	\$0	\$0	\$0	\$0	\$0	\$4,131,170
Elm Creek Force Main (Phase I & II)	\$708,812	76.7%	23.3%	0.0%	0.0%	0.0%	0.0%	100.0%	\$543,972	\$164,840	\$0	\$0	\$0	\$0	\$708,812
Bear Creek Force Main (Phase I)	\$2,906,931	0.0%	0.0%	3.0%	0.0%	64.6%	32.3%	100.0%	\$0	\$0	\$88,089	\$0	\$1,879,228	\$939,614	\$2,906,931
Price Creek Force Main (Phase I)	\$871,473	0.0%	0.0%	2.0%	31.3%	44.9%	21.8%	100.0%	\$0	\$0	\$17,785	\$272,706	\$391,274	\$189,708	\$871,473
Wylie ETJ Force Main (Phase I & II)	\$282,880	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	\$0	\$0	\$282,880	\$0	\$0	\$0	\$282,880
Elm Creek Lift Station (Phase I)	\$1,342,500	63.3%	36.7%	0.0%	0.0%	0.0%	0.0%	100.0%	\$850,000	\$492,500	\$0	\$0	\$0	\$0	\$1,342,500
Bear Creek Lift Station (Phase I)	\$1,257,500	0.0%	0.0%	3.0%	0.0%	65.2%	31.8%	100.0%	\$0	\$0	\$37,500	\$0	\$820,000	\$400,000	\$1,257,500
Price Creek Lift Station (Phase I)	\$1,837,500	0.0%	0.0%	2.0%	31.3%	44.9%	21.8%	100.0%	\$0	\$0	\$37,500	\$575,000	\$825,000	\$400,000	\$1,837,500
Wylie ETJ Lift Station (Phase I)	\$325,000	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	\$0	\$0	\$325,000	\$0	\$0	\$0	\$325,000
Elm Creek Regional WWTP (Phase I)	\$20,000,000	24.9%	14.4%	8.3%	16.8%	23.9%	11.6%	100.0%	\$4,989,059	\$2,888,403	\$1,663,020	\$3,369,803	\$4,770,241	\$2,319,475	\$20,000,000
Capital Cost Total:	\$37,273,650								\$10,514,201	\$3,545,743	\$2,627,475	\$4,496,208	\$10,353,719	\$5,736,305	\$37,273,650
O&M Cost Total:	\$12,743,175								\$2,869,647	\$1,738,949	\$1,275,022	\$1,895,169	\$3,303,575	\$1,660,813	\$12,743,175
Total:	\$50,016,825								\$13,383,847	\$5,284,692	\$3,902,497	\$6,391,377	\$13,657,294	\$7,397,119	\$50,016,825

Option 1 Phase II - (2026-2040)															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Bear Creek Trunk Sewer Parallel (Phase II)	\$3,175,051	0.0%	0.0%	0.0%	0.0%	59.1%	40.9%	100.0%	\$0	\$0	\$0	\$0	\$1,876,514	\$1,298,537	\$3,175,051
Price Creek Outfall Sewer Parallel (Phase II)	\$1,262,924	0.0%	0.0%	0.0%	0.0%	59.2%	40.8%	100.0%	\$0	\$0	\$0	\$0	\$747,651	\$515,273	\$1,262,924
Bear Creek Force Main (Phase II)	\$3,954,406	0.0%	0.0%	0.0%	0.0%	59.2%	40.8%	100.0%	\$0	\$0	\$0	\$0	\$2,341,008	\$1,613,398	\$3,954,406
Price Creek Force Main (Phase II)	\$1,179,706	0.0%	0.0%	0.0%	0.0%	59.2%	40.8%	100.0%	\$0	\$0	\$0	\$0	\$698,386	\$481,320	\$1,179,706
Elm Creek Lift Station (Phase II)	\$800,000	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000
Bear Creek Lift Station (Phase II)	\$2,675,000	0.0%	0.0%	0.0%	0.0%	69.2%	30.8%	100.0%	\$0	\$0	\$0	\$0	\$1,850,000	\$825,000	\$2,675,000
Price Creek Lift Station (Phase II)	\$2,675,000	0.0%	0.0%	0.0%	0.0%	69.2%	30.8%	100.0%	\$0	\$0	\$0	\$0	\$1,850,000	\$825,000	\$2,675,000
Elm Creek Regional WWTP (Phase II)	\$20,000,000	22.8%	0.0%	1.3%	0.0%	52.5%	23.5%	100.0%	\$4,562,900	\$0	\$255,864	\$0	\$10,490,405	\$4,690,832	\$20,000,000
Capital Cost Total:	\$35,722,088								\$5,362,900	\$0	\$255,864	\$0	\$19,853,965	\$10,249,360	\$35,722,088
O&M Cost Total:	\$36,683,692								\$8,094,925	\$3,197,165	\$2,183,285	\$3,896,688	\$13,226,270	\$6,085,358	\$36,683,692
Total:	\$72,405,780								\$13,457,825	\$3,197,165	\$2,439,149	\$3,896,688	\$33,080,235	\$16,334,718	\$72,405,780

Option 1 Summary															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Phase I Capital Cost	\$37,273,650	28.2%	9.5%	7.0%	12.1%	27.8%	15.4%	100.0%	\$10,514,201	\$3,545,743	\$2,627,475	\$4,496,208	\$10,353,719	\$5,736,305	\$37,273,650
Phase I O&M Cost	\$12,743,175	22.5%	13.6%	10.0%	14.9%	25.9%	13.0%	100.0%	\$2,869,647	\$1,738,949	\$1,275,022	\$1,895,169	\$3,303,575	\$1,660,813	\$12,743,175
Phase II Capital Cost	\$35,722,088	15.0%	0.0%	0.7%	0.0%	55.6%	28.7%	100.0%	\$5,362,900	\$0	\$255,864	\$0	\$19,853,965	\$10,249,360	\$35,722,088
Phase II O&M Cost	\$36,683,692	22.1%	8.7%	6.0%	10.6%	36.1%	16.6%	100.0%	\$8,094,925	\$3,197,165	\$2,183,285	\$3,896,688	\$13,226,270	\$6,085,358	\$36,683,692
Phase I & II Total:	\$122,422,605	21.9%	6.9%	5.2%	8.4%	38.2%	19.4%	100.0%	\$26,841,672	\$8,481,857	\$6,341,645	\$10,288,065	\$46,737,529	\$23,731,837	\$122,422,605

Option 2 Phase I - Initial System (2015-2025)															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Bear Creek Trunk Sewer (Phase I)	\$2,328,535	0.0%	0.0%	0.0%	0.0%	44.4%	55.6%	100.0%	\$0	\$0	\$0	\$0	\$1,034,905	\$1,293,631	\$2,328,535
Lavon WWTP Relief Sewer (Phase I & II)	\$233,200	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	\$0	\$0	\$0	\$0	\$233,200	\$0	\$233,200
Price Creek Outfall Sewer (Phase I)	\$1,048,149	0.0%	0.0%	16.8%	26.6%	38.2%	18.5%	100.0%	\$0	\$0	\$175,701	\$278,699	\$399,872	\$193,877	\$1,048,149
Elm Creek Trunk Sewer (Phase I & II)	\$4,131,170	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	\$4,131,170	\$0	\$0	\$0	\$0	\$0	\$4,131,170
Elm Creek Force Main (Phase I & II)	\$708,812	0.0%	0.0%	16.8%	26.6%	38.2%	18.5%	100.0%	\$0	\$0	\$118,818	\$188,470	\$270,414	\$131,110	\$708,812
Bear Creek Force Main (Phase I)	\$2,906,931	0.0%	0.0%	3.0%	0.0%	64.6%	32.3%	100.0%	\$0	\$0	\$88,089	\$0	\$1,879,228	\$939,614	\$2,906,931
Price Creek Force Main (Phase I)	\$871,473	0.0%	0.0%	2.0%	31.3%	44.9%	21.8%	100.0%	\$0	\$0	\$17,785	\$272,706	\$391,274	\$189,708	\$871,473
Wylie ETJ Force Main (Phase I & II)	\$282,880	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	\$0	\$0	\$282,880	\$0	\$0	\$0	\$282,880
Elm Creek Lift Station (Phase I)	\$2,162,500	0.0%	0.0%	16.8%	26.8%	37.9%	18.5%	100.0%	\$0	\$0	\$362,500	\$580,000	\$820,000	\$400,000	\$2,162,500
Bear Creek Lift Station (Phase I)	\$1,257,500	0.0%	0.0%	3.0%	0.0%	65.2%	31.8%	100.0%	\$0	\$0	\$37,500	\$0	\$820,000	\$400,000	\$1,257,500
Price Creek Lift Station (Phase I)	\$1,837,500	0.0%	0.0%	2.0%	31.3%	44.9%	21.8%	100.0%	\$0	\$0	\$37,500	\$575,000	\$825,000	\$400,000	\$1,837,500
Wylie ETJ Lift Station (Phase I & II)	\$325,000	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	\$0	\$0	\$325,000	\$0	\$0	\$0	\$325,000
Elm Creek Regional WWTP (Phase I)	\$20,000,000	24.9%	14.4%	8.3%	16.8%	23.9%	11.6%	100.0%	\$4,989,059	\$2,888,403	\$1,663,020	\$3,369,803	\$4,770,241	\$2,319,475	\$20,000,000
Capital Cost Total:	\$38,093,650								\$9,120,229	\$2,888,403	\$3,108,793	\$5,264,678	\$11,444,133	\$6,267,415	\$38,093,650
O&M Cost Total:	\$13,047,485								\$2,540,473	\$1,554,718	\$1,527,629	\$2,081,641	\$3,555,329	\$1,787,696	\$13,047,485
Total:	\$51,141,136								\$11,660,702	\$4,443,120	\$4,636,422	\$7,346,319	\$14,999,462	\$8,055,111	\$51,141,136

Option 3 Phase I - Initial System (2015-2025)															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Bear Creek Trunk Sewer (Phase I)	\$2,328,535	0.0%	0.0%	0.0%	0.0%	44.8%	55.2%	100.0%	\$0	\$0	\$0	\$0	\$1,043,826	\$1,284,709	\$2,328,535
Lavon WWTP Relief Sewer (Phase I & II)	\$233,200	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	\$0	\$0	\$0	\$0	\$233,200	\$0	\$233,200
Price Creek Outfall Sewer (Phase I & III)	\$922,975	0.0%	0.0%	38.7%	61.3%	0.0%	0.0%	100.0%	\$0	\$0	\$356,884	\$566,091	\$0	\$0	\$922,975
Elm Creek Trunk Sewer (Phase I & II)	\$4,131,170	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	\$4,131,170	\$0	\$0	\$0	\$0	\$0	\$4,131,170
Elm Creek Force Main (Phase I & II)	\$636,212	0.0%	0.0%	38.5%	61.5%	0.0%	0.0%	100.0%	\$0	\$0	\$244,697	\$391,515	\$0	\$0	\$636,212
Price Creek Force Main (Phase I & II)	\$623,786	0.0%	0.0%	6.1%	93.9%	0.0%	0.0%	100.0%	\$0	\$0	\$37,882	\$585,904	\$0	\$0	\$623,786
Wylie ETJ Force Main (Phase I & II)	\$282,880	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	\$0	\$0	\$282,880	\$0	\$0	\$0	\$282,880
Elm Creek Lift Station (Phase I & II)	\$942,500	0.0%	0.0%	38.5%	61.5%	0.0%	0.0%	100.0%	\$0	\$0	\$362,500	\$580,000	\$0	\$0	\$942,500
Bear Creek WWTP (Phase I)	\$8,000,000	0.0%	0.0%	0.0%	0.0%	67.3%	32.7%	100.0%	\$0	\$0	\$0	\$0	\$5,382,716	\$2,617,284	\$8,000,000
Price Creek Lift Station (Phase I & II)	\$617,500	0.0%	0.0%	6.1%	93.9%	0.0%	0.0%	100.0%	\$0	\$0	\$37,500	\$580,000	\$0	\$0	\$617,500
Wylie ETJ Lift Station (Phase I & II)	\$325,000	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	\$0	\$0	\$325,000	\$0	\$0	\$0	\$325,000
Elm Creek Regional WWTP (Phase I)	\$12,000,000	38.6%	22.4%	12.9%	26.1%	0.0%	0.0%	100.0%	\$4,637,288	\$2,684,746	\$1,545,763	\$3,132,203	\$0	\$0	\$12,000,000
Capital Cost Total:	\$31,043,757								\$8,768,458	\$2,684,746	\$3,193,105	\$5,835,714	\$6,659,742	\$3,901,993	\$31,043,757
O&M Cost Total:	\$11,299,552								\$2,540,473	\$1,554,718	\$1,481,475	\$2,098,178	\$2,413,035	\$1,211,673	\$11,299,552
Total:	\$42,343,310								\$11,308,931	\$4,239,463	\$4,674,579	\$7,933,892	\$9,072,777	\$5,113,666	\$42,343,310

Option 4 Phase I - Initial System (2015-2025)															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Bear Creek Trunk Sewer (Phase I)	\$2,636,601	0.0%	0.0%	0.0%	44.4%	24.7%	30.9%	100.0%	\$0	\$0	\$0	\$1,170,692	\$651,515	\$814,394	\$2,636,601
Lavon WWTP Relief Sewer (Phase I & II)	\$233,200	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	\$0	\$0	\$0	\$0	\$233,200	\$0	\$233,200
Price Creek Outfall Sewer (Phase I & II)	\$601,085	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	\$0	\$0	\$0	\$601,085	\$0	\$0	\$601,085
Elm Creek Trunk Sewer (Phase I & II)	\$4,131,170	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	\$4,131,170	\$0	\$0	\$0	\$0	\$0	\$4,131,170
Price Creek Force Main (Phase I & II)	\$623,786	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	\$0	\$0	\$0	\$623,786	\$0	\$0	\$623,786
Wylie ETJ Force Main (Phase I & II)	\$978,923	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	\$0	\$0	\$978,923	\$0	\$0	\$0	\$978,923
Bear Creek WWTP (Phase I)	\$10,000,000	0.0%	0.0%	0.0%	32.2%	45.6%	22.2%	100.0%	\$0	\$0	\$0	\$3,221,757	\$4,560,669	\$2,217,573	\$10,000,000
Price Creek Lift Station (Phase I & II)	\$580,000	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	\$0	\$0	\$0	\$580,000	\$0	\$0	\$580,000
Wylie ETJ Lift Station (Phase I & II)	\$325,000	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	\$0	\$0	\$325,000	\$0	\$0	\$0	\$325,000
Elm Creek Regional WWTP (Phase I)	\$10,000,000	52.3%	30.3%	17.4%	0.0%	0.0%	0.0%	100.0%	\$5,229,358	\$3,027,523	\$1,743,119	\$0	\$0	\$0	\$10,000,000
Capital Cost Total:	\$30,109,765								\$9,360,527	\$3,027,523	\$3,047,042	\$6,197,320	\$5,445,385	\$3,031,967	\$30,109,765
O&M Cost Total:	\$10,997,985								\$2,540,473	\$1,554,718	\$1,412,166	\$1,865,921	\$2,413,035	\$1,211,673	\$10,997,985
Total:	\$41,107,751								\$11,901,000	\$4,582,240	\$4,459,208	\$8,063,241	\$7,858,420	\$4,243,641	\$41,107,751

Option 2 Phase II - (2026-2040)															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Bear Creek Trunk Sewer (Phase II)	\$3,175,051	0.0%	0.0%	0.0%	0.0%	59.1%	40.9%	100.0%	\$0	\$0	\$0	\$0	\$1,876,514	\$1,298,537	\$3,175,051
Price Creek Outfall Sewer (Phase II)	\$1,262,924	0.0%	0.0%	0.0%	0.0%	59.2%	40.8%	100.0%	\$0	\$0	\$0	\$0	\$747,651	\$515,273	\$1,262,924
Bear Creek Force Main (Phase II)	\$3,954,406	0.0%	0.0%	0.0%	0.0%	59.2%	40.8%	100.0%	\$0	\$0	\$0	\$0	\$2,341,008	\$1,613,398	\$3,954,406
Price Creek Force Main (Phase II)	\$1,179,706	0.0%	0.0%	0.0%	0.0%	59.2%	40.8%	100.0%	\$0	\$0	\$0	\$0	\$698,386	\$481,320	\$1,179,706
Elm Creek Lift Station (Phase II)	\$2,705,000	0.0%	0.0%	1.6%	0.0%	68.1%	30.3%	100.0%	\$0	\$0	\$42,500	\$0	\$1,842,500	\$820,000	\$2,705,000
Bear Creek Lift Station (Phase II)	\$2,675,000	0.0%	0.0%	0.0%	0.0%	69.2%	30.8%	100.0%	\$0	\$0	\$0	\$0	\$1,850,000	\$825,000	\$2,675,000
Price Creek Lift Station (Phase II)	\$2,675,000	0.0%	0.0%	0.0%	0.0%	69.2%	30.8%	100.0%	\$0	\$0	\$0	\$0	\$1,850,000	\$825,000	\$2,675,000
Elm Creek Regional WWTP (Phase II)	\$20,000,000	22.8%	0.0%	1.3%	0.0%	52.5%	23.5%	100.0%	\$4,562,900	\$0	\$255,864	\$0	\$10,490,405	\$4,690,832	\$20,000,000
Capital Cost Total:	\$37,627,088								\$4,562,900	\$0	\$298,364	\$0	\$21,696,465	\$11,069,360	\$37,627,088
O&M Cost Total:	\$38,018,536								\$7,310,476	\$2,882,040	\$2,591,812	\$4,324,576	\$14,319,833	\$6,589,800	\$38,018,536
Total:	\$75,645,624								\$11,873,375	\$2,882,040	\$2,890,175	\$4,324,576	\$36,016,297	\$17,659,160	\$75,645,624

Option 3 Phase II - (2026-2040)															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Bear Creek Trunk Sewer (Phase II)	\$3,175,051	0.0%	0.0%	0.0%	0.0%	59.3%	40.7%	100.0%	\$0	\$0	\$0	\$0	\$1,884,152	\$1,290,899	\$3,175,051
Bear Creek WWTP (Phase II)	\$14,000,000	0.0%	0.0%	0.0%	0.0%	69.1%	30.9%	100.0%	\$0	\$0	\$0	\$0	\$9,674,157	\$4,325,843	\$14,000,000
Elm Creek Regional WWTP (Phase II)	\$6,000,000	94.7%	0.0%	5.3%	0.0%	0.0%	0.0%	100.0%	\$5,681,416	\$0	\$318,584	\$0	\$0	\$0	\$6,000,000
Capital Cost Total:	\$23,175,051								\$5,681,416	\$0	\$318,584	\$0	\$11,558,310	\$5,616,742	\$23,175,051
O&M Cost Total:	\$30,879,429								\$7,310,476	\$2,882,040	\$2,442,581	\$4,086,872	\$9,700,774	\$4,456,686	\$30,879,429
Total:	\$54,054,480								\$12,991,891	\$2,882,040	\$2,761,165	\$4,086,872	\$21,259,084	\$10,073,427	\$54,054,480

Option 4 Phase II - (2026-2040)															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Bear Creek Trunk Sewer (Phase II)	\$3,175,051	0.0%	0.0%	0.0%	0.0%	59.2%	40.8%	100.0%	\$0	\$0	\$0	\$0	\$1,881,039	\$1,294,012	\$3,175,051
Bear Creek WWTP (Phase II)	\$16,000,000	0.0%	0.0%	0.0%	0.0%	69.1%	30.9%	100.0%	\$0	\$0	\$0	\$0	\$11,056,180	\$4,943,820	\$16,000,000
Elm Creek Regional WWTP (Phase II)	\$4,000,000	94.7%	0.0%	5.3%	0.0%	0.0%	0.0%	100.0%	\$3,787,611	\$0	\$212,389	\$0	\$0	\$0	\$4,000,000
Capital Cost Total:	\$23,175,051								\$3,787,611	\$0	\$212,389	\$0	\$12,937,219	\$6,237,832	\$23,175,051
O&M Cost Total:	\$30,444,436								\$7,310,476	\$2,882,040	\$2,373,827	\$3,720,633	\$9,700,774	\$4,456,686	\$30,444,436
Total:	\$53,619,487								\$11,098,086	\$2,882,040	\$2,586,216	\$3,720,633	\$22,637,993	\$10,694,518	\$53,619,487

Option 2 Summary															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Phase I Capital Cost	\$38,093,650	23.9%	7.6%	8.2%	13.8%	30.0%	16.5%	100.0%	\$9,120,229	\$2,888,403	\$3,108,793	\$5,264,678	\$11,444,133	\$6,267,415	\$38,093,650
Phase I O&M Cost	\$13,047,485	19.5%	11.9%	11.7%	16.0%	27.2%	13.7%	100.0%	\$2,540,473	\$1,554,718	\$1,527,629	\$2,081,641	\$3,555,329	\$1,787,696	\$13,047,485
Phase II Capital Cost	\$37,627,088	12.1%	0.0%	0.8%	0.0%	57.7%	29.4%	100.0%	\$4,562,900	\$0	\$298,364	\$0	\$21,696,465	\$11,069,360	\$37,627,088
Phase II O&M Cost	\$38,018,536	19.2%	7.6%	6.8%	11.4%	37.7%	17.3%	100.0%	\$7,310,476	\$2,882,040	\$2,591,812	\$4,324,576	\$14,319,833	\$6,589,800	\$38,018,536
Phase I & II Total:	\$126,786,759	18.6%	5.8%	5.9%	9.2%	40.2%	20.3%	100.0%	\$23,534,077	\$7,325,160	\$7,526,597	\$11,670,895	\$51,015,760	\$25,714,270	\$126,786,759

Option 3 Summary															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Phase I Capital Cost	\$31,043,757	28.2%	8.6%	10.3%	18.8%	21.5%	12.6%	100.0%	\$8,768,458	\$2,684,746	\$3,193,105	\$5,835,714	\$6,659,742	\$3,901,993	\$31,043,757
Phase I O&M Cost	\$11,299,552	22.5%	13.8%	13.1%	18.6%	21.4%	10.7%	100.0%	\$2,540,473	\$1,554,718	\$1,481,475	\$2,098,178	\$2,413,035	\$1,211,673	\$11,299,552
Phase II Capital Cost	\$23,175,051	24.5%	0.0%	1.4%	0.0%	49.9%	24.2%	100.0%	\$5,681,416	\$0	\$318,584	\$0	\$11,558,310	\$5,616,742	\$23,175,051
Phase II O&M Cost	\$30,879,429	23.7%	9.3%	7.9%	13.2%	31.4%	14.4%	100.0%	\$7,310,476	\$2,882,040	\$2,442,581	\$4,086,872	\$9,700,774	\$4,456,686	\$30,879,429
Phase I & II Total:	\$96,397,790	25.2%	7.4%	7.7%	12.5%	31.5%	15.8%	100.0%	\$24,300,822	\$7,121,503	\$7,435,745	\$12,020,764	\$30,331,861	\$15,187,094	\$96,397,790

Option 4 Summary															
Facility	Opinion of Cost	Percent Participation							Cost						
		Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total	Farmersville	FIP	Wylie	WY Atlantis	Lavon	Nevada	Total
Phase I Capital Cost	\$30,109,765	31.1%	10.1%	10.1%	20.6%	18.1%	10.1%	100.0%	\$9,360,527	\$3,027,523	\$3,047,042	\$6,197,320	\$5,445,385	\$3,031,967	\$30,109,765
Phase I O&M Cost	\$10,997,985	23.1%	14.1%	12.8%	17.0%	21.9%	11.0%	100.0%	\$2,540,473	\$1,554,718	\$1,412,166	\$1,865,921	\$2,413,035	\$1,211,673	\$10,997,985
Phase II Capital Cost	\$23,175,051	16.3%	0.0%	0.9%	0.0%	55.8%	26.9%	100.0%	\$3,787,611	\$0	\$212,389	\$0	\$12,937,219	\$6,237,832	\$23,175,051
Phase II O&M Cost	\$30,444,436	24.0%	9.5%	7.8%	12.2%	31.9%	14.6%	100.0%	\$7,310,476	\$2,882,040	\$2,373,827	\$3,720,633	\$9,700,774	\$4,456,686	\$30,444,436
Phase I & II Total:	\$94,727,238	24.3%	7.9%	7.4%	12.4%	32.2%	15.8%	100.0%	\$22,999,087	\$7,464,280	\$7,045,425	\$11,783,874	\$30,496,413	\$14,938,159	\$94,727,238

APPENDIX

DEBT SERVICE FOR CONSENSUS OPTION (OPTION 4)

Wastewater Flow														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.76	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.76	100.00%
2010	0.00	0.00%	0.00	0.00%	0.85	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.85	100.00%
2011	0.00	0.00%	0.00	0.00%	0.86	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.86	100.00%
2012	0.00	0.00%	0.00	0.00%	0.87	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.87	100.00%
2013	0.00	0.00%	0.00	0.00%	0.88	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.88	100.00%
2014	0.00	0.00%	0.00	0.00%	0.89	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.89	100.00%
2015	0.00	0.00%	0.00	0.00%	0.90	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.90	100.00%
2016	0.00	0.00%	0.00	0.00%	0.92	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.92	100.00%
2017	0.00	0.00%	0.00	0.00%	0.93	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.93	100.00%
2018	0.00	0.00%	0.00	0.00%	0.94	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.94	100.00%
2019	0.00	0.00%	0.00	0.00%	0.95	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.95	100.00%
2020	0.00	0.00%	0.00	0.00%	0.96	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.96	100.00%
2021	0.00	0.00%	0.00	0.00%	1.00	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.00	100.00%
2022	0.00	0.00%	0.00	0.00%	1.03	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.03	100.00%
2023	0.00	0.00%	0.00	0.00%	1.07	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.07	100.00%
2024	0.00	0.00%	0.00	0.00%	1.10	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.10	100.00%
2025	0.00	0.00%	0.00	0.00%	1.14	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.14	100.00%
2026	0.00	0.00%	0.00	0.00%	1.17	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.17	100.00%
2027	0.00	0.00%	0.00	0.00%	1.21	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.21	100.00%
2028	0.00	0.00%	0.00	0.00%	1.24	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.24	100.00%
2029	0.00	0.00%	0.00	0.00%	1.28	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.28	100.00%
2030	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2031	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2032	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2033	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2034	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2035	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2036	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2037	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2038	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2039	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2040	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%

9/29/2009 14:43

Wylie ETJ Lift Station Partners

[illegible]

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.76	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.76	100.00%
2010	0.00	0.00%	0.00	0.00%	0.85	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.85	100.00%
2011	0.00	0.00%	0.00	0.00%	0.86	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.86	100.00%
2012	0.00	0.00%	0.00	0.00%	0.87	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.87	100.00%
2013	0.00	0.00%	0.00	0.00%	0.88	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.88	100.00%
2014	0.00	0.00%	0.00	0.00%	0.89	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.89	100.00%
2015	0.00	0.00%	0.00	0.00%	0.90	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.90	100.00%
2016	0.00	0.00%	0.00	0.00%	0.92	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.92	100.00%
2017	0.00	0.00%	0.00	0.00%	0.93	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.93	100.00%
2018	0.00	0.00%	0.00	0.00%	0.94	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.94	100.00%
2019	0.00	0.00%	0.00	0.00%	0.95	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.95	100.00%
2020	0.00	0.00%	0.00	0.00%	0.96	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.96	100.00%
2021	0.00	0.00%	0.00	0.00%	1.00	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.00	100.00%
2022	0.00	0.00%	0.00	0.00%	1.03	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.03	100.00%
2023	0.00	0.00%	0.00	0.00%	1.07	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.07	100.00%
2024	0.00	0.00%	0.00	0.00%	1.10	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.10	100.00%
2025	0.00	0.00%	0.00	0.00%	1.14	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.14	100.00%
2026	0.00	0.00%	0.00	0.00%	1.17	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.17	100.00%
2027	0.00	0.00%	0.00	0.00%	1.21	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.21	100.00%
2028	0.00	0.00%	0.00	0.00%	1.24	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.24	100.00%
2029	0.00	0.00%	0.00	0.00%	1.28	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.28	100.00%
2030	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2031	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2032	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2033	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2034	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2035	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2036	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2037	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2038	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2039	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2040	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%

Debt Service Allocation (Millions)															
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total		
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	
2009	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2010	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2011	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2012	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2013	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2014	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2015	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2016	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2017	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2018	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2019	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2020	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2021	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2022	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2023	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2024	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2025	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2026	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2027	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2028	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2029	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2030	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2031	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2032	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2033	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2034	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.029	100.00%	
2035	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2036	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2037	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2038	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2039	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2040	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
Total	\$ -		\$ -		\$ 0.574		\$ -		\$ -		\$ -		\$ 0.574		

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Wylie ETJ Force Main

9/29/2009 14:43

Wylie ETJ Force Main
Partners

Wastewater Flow														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.76	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.76	100.00%
2010	0.00	0.00%	0.00	0.00%	0.85	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.85	100.00%
2011	0.00	0.00%	0.00	0.00%	0.86	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.86	100.00%
2012	0.00	0.00%	0.00	0.00%	0.87	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.87	100.00%
2013	0.00	0.00%	0.00	0.00%	0.88	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.88	100.00%
2014	0.00	0.00%	0.00	0.00%	0.89	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.89	100.00%
2015	0.00	0.00%	0.00	0.00%	0.90	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.90	100.00%
2016	0.00	0.00%	0.00	0.00%	0.92	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.92	100.00%
2017	0.00	0.00%	0.00	0.00%	0.93	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.93	100.00%
2018	0.00	0.00%	0.00	0.00%	0.94	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.94	100.00%
2019	0.00	0.00%	0.00	0.00%	0.95	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.95	100.00%
2020	0.00	0.00%	0.00	0.00%	0.96	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.96	100.00%
2021	0.00	0.00%	0.00	0.00%	1.00	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.00	100.00%
2022	0.00	0.00%	0.00	0.00%	1.03	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.03	100.00%
2023	0.00	0.00%	0.00	0.00%	1.07	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.07	100.00%
2024	0.00	0.00%	0.00	0.00%	1.10	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.10	100.00%
2025	0.00	0.00%	0.00	0.00%	1.14	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.14	100.00%
2026	0.00	0.00%	0.00	0.00%	1.17	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.17	100.00%
2027	0.00	0.00%	0.00	0.00%	1.21	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.21	100.00%
2028	0.00	0.00%	0.00	0.00%	1.24	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.24	100.00%
2029	0.00	0.00%	0.00	0.00%	1.28	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.28	100.00%
2030	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2031	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2032	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2033	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2034	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2035	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2036	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2037	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2038	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2039	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2040	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%

North Texas Municipal Water District

Lavon Lake East Side Regional Wastewater System - Wylie ETJ Force Main

9/29/2009 14:43

Wylie ETJ Force Main Partners

[illegible]

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.76	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.76	100.00%
2010	0.00	0.00%	0.00	0.00%	0.85	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.85	100.00%
2011	0.00	0.00%	0.00	0.00%	0.86	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.86	100.00%
2012	0.00	0.00%	0.00	0.00%	0.87	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.87	100.00%
2013	0.00	0.00%	0.00	0.00%	0.88	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.88	100.00%
2014	0.00	0.00%	0.00	0.00%	0.89	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.89	100.00%
2015	0.00	0.00%	0.00	0.00%	0.90	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.90	100.00%
2016	0.00	0.00%	0.00	0.00%	0.92	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.92	100.00%
2017	0.00	0.00%	0.00	0.00%	0.93	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.93	100.00%
2018	0.00	0.00%	0.00	0.00%	0.94	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.94	100.00%
2019	0.00	0.00%	0.00	0.00%	0.95	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.95	100.00%
2020	0.00	0.00%	0.00	0.00%	0.96	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.96	100.00%
2021	0.00	0.00%	0.00	0.00%	1.00	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.00	100.00%
2022	0.00	0.00%	0.00	0.00%	1.03	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.03	100.00%
2023	0.00	0.00%	0.00	0.00%	1.07	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.07	100.00%
2024	0.00	0.00%	0.00	0.00%	1.10	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.10	100.00%
2025	0.00	0.00%	0.00	0.00%	1.14	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.14	100.00%
2026	0.00	0.00%	0.00	0.00%	1.17	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.17	100.00%
2027	0.00	0.00%	0.00	0.00%	1.21	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.21	100.00%
2028	0.00	0.00%	0.00	0.00%	1.24	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.24	100.00%
2029	0.00	0.00%	0.00	0.00%	1.28	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.28	100.00%
2030	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2031	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2032	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2033	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2034	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2035	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2036	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2037	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2038	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2039	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%
2040	0.00	0.00%	0.00	0.00%	1.31	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.31	100.00%

Debt Service Allocation (Millions)															
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total		
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	
2009	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2010	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2011	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2012	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2013	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2014	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2015	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2016	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2017	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2018	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2019	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2020	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2021	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2022	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2023	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2024	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2025	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2026	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2027	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2028	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2029	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2030	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2031	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2032	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2033	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2034	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.086	100.00%	
2035	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2036	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2037	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2038	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2039	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
2040	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	
Total	\$ -		\$ -		\$ 1.728		\$ -		\$ -		\$ -		\$ 1.728		

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Elm Creek Trunk Sewer

9/29/2009 14:43

Elm Creek Trunk Sewer
Partners

Wastewater Flow														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	1.29	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.29	100.00%
2010	1.32	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.32	100.00%
2011	1.41	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%
2012	1.50	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.50	100.00%
2013	1.59	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.59	100.00%
2014	1.68	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.68	100.00%
2015	1.77	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.77	100.00%
2016	1.83	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.83	100.00%
2017	1.90	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.90	100.00%
2018	1.97	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%
2019	2.04	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.04	100.00%
2020	2.10	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.10	100.00%
2021	2.37	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.37	100.00%
2022	2.63	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.63	100.00%
2023	2.90	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.90	100.00%
2024	3.16	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.16	100.00%
2025	3.43	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.43	100.00%
2026	3.61	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.61	100.00%
2027	3.79	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.79	100.00%
2028	3.97	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.97	100.00%
2029	4.15	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.15	100.00%
2030	4.34	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.34	100.00%
2031	4.52	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.52	100.00%
2032	4.72	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.72	100.00%
2033	4.93	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.93	100.00%
2034	5.14	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.14	100.00%
2035	5.37	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.37	100.00%
2036	5.60	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.60	100.00%
2037	5.85	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.85	100.00%
2038	6.10	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.10	100.00%
2039	6.37	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.37	100.00%
2040	6.64	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.64	100.00%

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Elm Creek Trunk Sewer

9/29/2009 14:43

Elm Creek Trunk Sewer Partners

Capital Cost (Millions) - Property, Design, Construction, Inspection

Debt Service (Millions)

Year	Phase I		Phase II		Phase III		Phase IV		Phase V	
2009	\$	-	\$	-	\$	-	\$	-	\$	-
2010	\$	-	\$	-	\$	-	\$	-	\$	-
2011	\$	-	\$	-	\$	-	\$	-	\$	-
2012	\$	-	\$	-	\$	-	\$	-	\$	-
2013	\$	-	\$	-	\$	-	\$	-	\$	-
2014	\$	-	\$	-	\$	-	\$	-	\$	-
2015	\$	4.131	\$	-	\$	-	\$	-	\$	-
2016	\$	-	\$	-	\$	-	\$	-	\$	-
2017	\$	-	\$	-	\$	-	\$	-	\$	-
2018	\$	-	\$	-	\$	-	\$	-	\$	-
2019	\$	-	\$	-	\$	-	\$	-	\$	-
2020	\$	-	\$	-	\$	-	\$	-	\$	-
2021	\$	-	\$	-	\$	-	\$	-	\$	-
2022	\$	-	\$	-	\$	-	\$	-	\$	-
2023	\$	-	\$	-	\$	-	\$	-	\$	-
2024	\$	-	\$	-	\$	-	\$	-	\$	-
2025	\$	-	\$	-	\$	-	\$	-	\$	-
2026	\$	-	\$	-	\$	-	\$	-	\$	-
2027	\$	-	\$	-	\$	-	\$	-	\$	-
2028	\$	-	\$	-	\$	-	\$	-	\$	-
2029	\$	-	\$	-	\$	-	\$	-	\$	-
2030	\$	-	\$	-	\$	-	\$	-	\$	-
2031	\$	-	\$	-	\$	-	\$	-	\$	-
2032	\$	-	\$	-	\$	-	\$	-	\$	-
2033	\$	-	\$	-	\$	-	\$	-	\$	-
2034	\$	-	\$	-	\$	-	\$	-	\$	-
2035	\$	-	\$	-	\$	-	\$	-	\$	-
2036	\$	-	\$	-	\$	-	\$	-	\$	-
2037	\$	-	\$	-	\$	-	\$	-	\$	-
2038	\$	-	\$	-	\$	-	\$	-	\$	-
2039	\$	-	\$	-	\$	-	\$	-	\$	-
2040	\$	-	\$	-	\$	-	\$	-	\$	-

[illegible]

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	1.29	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.29	100.00%
2010	1.32	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.32	100.00%
2011	1.41	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%
2012	1.50	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.50	100.00%
2013	1.59	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.59	100.00%
2014	1.68	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.68	100.00%
2015	1.77	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.77	100.00%
2016	1.83	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.83	100.00%
2017	1.90	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.90	100.00%
2018	1.97	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%
2019	2.04	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.04	100.00%
2020	2.10	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.10	100.00%
2021	2.37	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.37	100.00%
2022	2.63	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.63	100.00%
2023	2.90	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.90	100.00%
2024	3.16	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.16	100.00%
2025	3.43	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.43	100.00%
2026	3.61	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.61	100.00%
2027	3.79	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.79	100.00%
2028	3.97	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.97	100.00%
2029	4.15	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.15	100.00%
2030	4.34	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.34	100.00%
2031	4.52	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.52	100.00%
2032	4.72	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.72	100.00%
2033	4.93	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.93	100.00%
2034	5.14	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.14	100.00%
2035	5.37	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.37	100.00%
2036	5.60	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.60	100.00%
2037	5.85	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.85	100.00%
2038	6.10	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.10	100.00%
2039	6.37	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.37	100.00%
2040	6.64	100.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.64	100.00%

Debt Service Allocation (Millions)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%
2009	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2010	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2011	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2012	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2013	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2014	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2015	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2016	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2017	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2018	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2019	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2020	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2021	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2022	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2023	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2024	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2025	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2026	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2027	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2028	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2029	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2030	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2031	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2032	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2033	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2034	\$ 0.365	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2035	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	100.00%
2036	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2037	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2038	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2039	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2040	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
Total	\$ 7.293		\$ -		\$ -		\$ -		\$ -		\$ -		\$ 7.293	

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Elm Creek WWTP

1/29/2010 14:37

Elm Creek WWTP
Partners

Wastewater Flow															WWTP Capacity (mgd)	
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total		Total	Excess
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%		
2009	0.43	62.94%	0.00	0.00%	0.25	37.06%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.68	100.00%	0.000	-0.683
2010	0.44	60.98%	0.00	0.00%	0.28	39.02%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.72	100.00%	0.000	-0.723
2011	0.47	62.19%	0.00	0.00%	0.29	37.81%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.76	100.00%	0.000	-0.756
2012	0.50	63.30%	0.00	0.00%	0.29	36.70%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.79	100.00%	0.000	-0.790
2013	0.53	64.32%	0.00	0.00%	0.29	35.68%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.82	100.00%	0.000	-0.823
2014	0.56	65.26%	0.00	0.00%	0.30	34.74%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.86	100.00%	0.000	-0.856
2015	0.59	63.03%	0.04	4.69%	0.30	32.29%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.93	100.00%	2.500	1.566
2016	0.61	57.13%	0.15	14.32%	0.31	28.55%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.07	100.00%	2.500	1.431
2017	0.63	51.62%	0.28	23.17%	0.31	25.20%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.23	100.00%	2.500	1.273
2018	0.66	46.64%	0.44	31.10%	0.31	22.26%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%	2.500	1.093
2019	0.68	44.62%	0.53	34.53%	0.32	20.85%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.52	100.00%	2.500	0.980
2020	0.70	43.47%	0.59	36.63%	0.32	19.91%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.61	100.00%	2.500	0.888
2021	0.79	44.35%	0.66	36.97%	0.33	18.69%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.78	100.00%	2.500	0.720
2022	0.88	46.69%	0.66	35.00%	0.34	18.31%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.88	100.00%	2.500	0.620
2023	0.97	48.80%	0.66	33.23%	0.36	17.97%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.98	100.00%	2.500	0.520
2024	1.05	50.71%	0.66	31.63%	0.37	17.67%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.08	100.00%	2.500	0.420
2025	1.14	52.44%	0.66	30.18%	0.38	17.38%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.18	100.00%	2.500	0.320
2026	1.20	53.44%	0.66	29.21%	0.39	17.34%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.25	100.00%	2.500	0.248
2027	1.26	54.39%	0.66	28.31%	0.40	17.31%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	2.500	0.176
2028	1.32	55.27%	0.66	27.46%	0.41	17.27%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.40	100.00%	2.500	0.104
2029	1.38	56.10%	0.66	26.66%	0.43	17.24%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.47	100.00%	3.500	1.032
2030	1.45	56.89%	0.66	25.90%	0.44	17.21%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.54	100.00%	3.500	0.960
2031	1.51	57.93%	0.66	25.27%	0.44	16.80%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.60	100.00%	3.500	0.896
2032	1.57	58.96%	0.66	24.65%	0.44	16.39%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.67	100.00%	3.500	0.831
2033	1.64	59.99%	0.66	24.03%	0.44	15.98%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.74	100.00%	3.500	0.762
2034	1.71	61.01%	0.66	23.42%	0.44	15.57%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.81	100.00%	3.500	0.690
2035	1.79	62.02%	0.66	22.81%	0.44	15.17%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.88	100.00%	3.500	0.616
2036	1.87	63.02%	0.66	22.21%	0.44	14.77%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.96	100.00%	3.500	0.538
2037	1.95	64.01%	0.66	21.62%	0.44	14.37%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.04	100.00%	3.500	0.456
2038	2.03	64.99%	0.66	21.03%	0.44	13.98%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.13	100.00%	3.500	0.371
2039	2.12	65.95%	0.66	20.45%	0.44	13.60%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.22	100.00%	3.500	0.283
2040	2.21	66.90%	0.66	19.88%	0.44	13.22%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.31	100.00%	3.500	0.190

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Elm Creek WWTP

1/29/2010 14:37

Elm Creek WWTP
Partners

Capital Cost (Millions) - Property, Design, Construction, Inspection

Year	2.5 mgd Initial	1.0 mgd Expansion	___ mgd Expansion	___ mgd Expansion	___ mgd Expansion	___ mgd Expansion
2009	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2010	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2011	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2013	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2015	\$ 11.000	\$ -	\$ -	\$ -	\$ -	\$ -
2016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2021	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2025	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2026	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2027	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2028	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2029	\$ -	\$ 4.000	\$ -	\$ -	\$ -	\$ -
2030	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2031	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2032	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2033	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2034	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2035	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2036	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2037	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2038	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2039	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Debt Service (Millions)

2.5 mgd Initial	1.0 mgd Expansion	___ mgd Expansion	___ mgd Expansion	___ mgd Expansion	___ mgd Expansion	___ mgd Expansion	___ mgd Expansion	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.324
\$ 0.971	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.324
\$ 0.971	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.324
\$ 0.971	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.324
\$ 0.971	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.324
\$ -	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.353
\$ -	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.353
\$ -	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.353
\$ -	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.353
\$ -	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.353
\$ -	\$ 0.353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.353

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Elm Creek WWTP

1/29/2010 14:37

Elm Creek WWTP
Partners

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.430	62.94%	0.00	0.00%	0.25	37.06%	0.00	0.00%	0.000	0.00%	0.00	0.00%	0.68	100.00%
2010	0.441	60.98%	0.00	0.00%	0.28	39.02%	0.00	0.00%	0.000	0.00%	0.00	0.00%	0.72	100.00%
2011	0.470	62.19%	0.00	0.00%	0.29	37.81%	0.00	0.00%	0.000	0.00%	0.00	0.00%	0.76	100.00%
2012	0.500	63.30%	0.00	0.00%	0.29	36.70%	0.00	0.00%	0.000	0.00%	0.00	0.00%	0.79	100.00%
2013	0.529	64.32%	0.00	0.00%	0.29	35.68%	0.00	0.00%	0.000	0.00%	0.00	0.00%	0.82	100.00%
2014	0.559	65.26%	0.00	0.00%	0.30	34.74%	0.00	0.00%	0.000	0.00%	0.00	0.00%	0.86	100.00%
2015	0.589	63.03%	0.04	4.69%	0.30	32.29%	0.00	0.00%	0.000	0.00%	0.00	0.00%	0.93	100.00%
2016	0.611	57.13%	0.15	14.32%	0.31	28.55%	0.00	0.00%	0.000	0.00%	0.00	0.00%	1.07	100.00%
2017	0.634	51.62%	0.28	23.17%	0.31	25.20%	0.00	0.00%	0.000	0.00%	0.00	0.00%	1.23	100.00%
2018	0.656	46.64%	0.44	31.10%	0.31	22.26%	0.00	0.00%	0.000	0.00%	0.00	0.00%	1.41	100.00%
2019	0.679	44.62%	0.53	34.53%	0.32	20.85%	0.00	0.00%	0.000	0.00%	0.00	0.00%	1.52	100.00%
2020	0.701	43.47%	0.59	36.63%	0.32	19.91%	0.00	0.00%	0.000	0.00%	0.00	0.00%	1.61	100.00%
2021	0.789	44.35%	0.66	36.97%	0.33	18.69%	0.00	0.00%	0.000	0.00%	0.00	0.00%	1.78	100.00%
2022	0.878	46.69%	0.66	35.00%	0.34	18.31%	0.00	0.00%	0.000	0.00%	0.00	0.00%	1.88	100.00%
2023	0.966	48.80%	0.66	33.23%	0.36	17.97%	0.00	0.00%	0.000	0.00%	0.00	0.00%	1.98	100.00%
2024	1.055	50.71%	0.66	31.63%	0.37	17.67%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.08	100.00%
2025	1.143	52.44%	0.66	30.18%	0.38	17.38%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.18	100.00%
2026	1.204	53.44%	0.66	29.21%	0.39	17.34%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.25	100.00%
2027	1.264	54.39%	0.66	28.31%	0.40	17.31%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.32	100.00%
2028	1.325	55.27%	0.66	27.46%	0.41	17.27%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.40	100.00%
2029	1.385	56.10%	0.66	26.66%	0.43	17.24%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.47	100.00%
2030	1.445	56.89%	0.66	25.90%	0.44	17.21%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.54	100.00%
2031	1.508	57.93%	0.66	25.27%	0.44	16.80%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.60	100.00%
2032	1.574	58.96%	0.66	24.65%	0.44	16.39%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.67	100.00%
2033	1.643	59.99%	0.66	24.03%	0.44	15.98%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.74	100.00%
2034	1.714	61.01%	0.66	23.42%	0.44	15.57%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.81	100.00%
2035	1.789	62.02%	0.66	22.81%	0.44	15.17%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.88	100.00%
2036	1.867	63.02%	0.66	22.21%	0.44	14.77%	0.00	0.00%	0.000	0.00%	0.00	0.00%	2.96	100.00%
2037	1.948	64.01%	0.66	21.62%	0.44	14.37%	0.00	0.00%	0.000	0.00%	0.00	0.00%	3.04	100.00%
2038	2.033	64.99%	0.66	21.03%	0.44	13.98%	0.00	0.00%	0.000	0.00%	0.00	0.00%	3.13	100.00%
2039	2.122	65.95%	0.66	20.45%	0.44	13.60%	0.00	0.00%	0.000	0.00%	0.00	0.00%	3.22	100.00%
2040	2.215	66.90%	0.66	19.88%	0.44	13.22%	0.00	0.00%	0.000	0.00%	0.00	0.00%	3.31	100.00%

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Elm Creek WWTP

1/29/2010 14:37

Elm Creek WWTP
Partners

Debt Service Allocation (Millions)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%
2009	\$ -	62.94%	\$ -	0.00%	\$ -	37.06%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2010	\$ -	60.98%	\$ -	0.00%	\$ -	39.02%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2011	\$ -	62.19%	\$ -	0.00%	\$ -	37.81%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2012	\$ -	63.30%	\$ -	0.00%	\$ -	36.70%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2013	\$ -	64.32%	\$ -	0.00%	\$ -	35.68%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2014	\$ -	65.26%	\$ -	0.00%	\$ -	34.74%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2015	\$ 0.612	63.03%	\$ 0.045	4.69%	\$ 0.313	32.29%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2016	\$ 0.555	57.13%	\$ 0.139	14.32%	\$ 0.277	28.55%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2017	\$ 0.501	51.62%	\$ 0.225	23.17%	\$ 0.245	25.20%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2018	\$ 0.453	46.64%	\$ 0.302	31.10%	\$ 0.216	22.26%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2019	\$ 0.433	44.62%	\$ 0.335	34.53%	\$ 0.202	20.85%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2020	\$ 0.422	43.47%	\$ 0.356	36.63%	\$ 0.193	19.91%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2021	\$ 0.431	44.35%	\$ 0.359	36.97%	\$ 0.181	18.69%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2022	\$ 0.453	46.69%	\$ 0.340	35.00%	\$ 0.178	18.31%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2023	\$ 0.474	48.80%	\$ 0.323	33.23%	\$ 0.174	17.97%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2024	\$ 0.492	50.71%	\$ 0.307	31.63%	\$ 0.172	17.67%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2025	\$ 0.509	52.44%	\$ 0.293	30.18%	\$ 0.169	17.38%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2026	\$ 0.519	53.44%	\$ 0.284	29.21%	\$ 0.168	17.34%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2027	\$ 0.528	54.39%	\$ 0.275	28.31%	\$ 0.168	17.31%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2028	\$ 0.537	55.27%	\$ 0.267	27.46%	\$ 0.168	17.27%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.971	100.00%
2029	\$ 0.743	56.10%	\$ 0.353	26.66%	\$ 0.228	17.24%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 1.324	100.00%
2030	\$ 0.753	56.89%	\$ 0.343	25.90%	\$ 0.228	17.21%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 1.324	100.00%
2031	\$ 0.767	57.93%	\$ 0.335	25.27%	\$ 0.222	16.80%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 1.324	100.00%
2032	\$ 0.781	58.96%	\$ 0.326	24.65%	\$ 0.217	16.39%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 1.324	100.00%
2033	\$ 0.794	59.99%	\$ 0.318	24.03%	\$ 0.212	15.98%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 1.324	100.00%
2034	\$ 0.808	61.01%	\$ 0.310	23.42%	\$ 0.206	15.57%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 1.324	100.00%
2035	\$ 0.219	62.02%	\$ 0.081	22.81%	\$ 0.054	15.17%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.353	100.00%
2036	\$ 0.223	63.02%	\$ 0.078	22.21%	\$ 0.052	14.77%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.353	100.00%
2037	\$ 0.226	64.01%	\$ 0.076	21.62%	\$ 0.051	14.37%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.353	100.00%
2038	\$ 0.229	64.99%	\$ 0.074	21.03%	\$ 0.049	13.98%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.353	100.00%
2039	\$ 0.233	65.95%	\$ 0.072	20.45%	\$ 0.048	13.60%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.353	100.00%
2040	\$ 0.236	66.90%	\$ 0.070	19.88%	\$ 0.047	13.22%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.353	100.00%
Total	\$ 12.930		\$ 6.286		\$ 4.439		\$ -		\$ -		\$ -		\$ 23.655	

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Price Creek Lift Station

9/29/2009 14:43

Price Creek Lift Station
Partners

Wastewater Flow														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%

Price Creek Lift Station Partners

9/29/2009 14:43

[illegible]

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Price Creek Lift Station

9/29/2009 14:43

Price Creek Lift Station
Partners

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Price Creek Lift Station

9/29/2009 14:43

Price Creek Lift Station
Partners

Debt Service Allocation (Millions)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%
2009	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2010	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2011	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2012	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2013	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2014	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2015	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2016	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2017	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2018	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2019	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2020	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2021	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2022	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2023	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2024	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2025	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2026	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2027	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2028	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2029	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2030	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2031	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2032	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2033	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2034	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2035	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.051	100.00%
2036	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2037	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2038	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2039	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2040	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
Total	\$ -		\$ -		\$ -		\$ 1.024		\$ -		\$ -		\$ 1.024	

Wastewater Flow														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%

**Price Creek Force Main
Partners**

9/29/2009 14:43

[illegible]

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%

Debt Service Allocation (Millions)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%
2009	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2010	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2011	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2012	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2013	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2014	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2015	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2016	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2017	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2018	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2019	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2020	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2021	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2022	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2023	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2024	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2025	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2026	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2027	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2028	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2029	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2030	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2031	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2032	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2033	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2034	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.055	100.00%
2035	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2036	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2037	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2038	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2039	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2040	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
Total	\$ -		\$ -		\$ -		\$ 1.102		\$ -		\$ -		\$ 1.102	

Wastewater Flow														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%

Capital Cost (Millions) - Property, Design, Construction, Inspection

Debt Service (Millions)

Year	Phase I						Phase I						Total	
2009	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2010	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2011	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2012	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2013	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2014	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2015	\$	0.601	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2016	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2017	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2018	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2019	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2020	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2021	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2022	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2023	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2024	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2025	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2026	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2027	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2028	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2029	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2030	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2031	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2032	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2033	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2034	\$	-	\$	-	\$	-	\$	0.053	\$	-	\$	-	\$	0.053
2035	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2036	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2037	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2038	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2039	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2040	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atiantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%	0.00	0.00%	0.00	0.00%	0.28	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%	0.00	0.00%	0.00	0.00%	0.56	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%	0.00	0.00%	0.00	0.00%	0.84	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%	0.00	0.00%	0.00	0.00%	1.13	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%	0.00	0.00%	0.00	0.00%	1.41	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%	0.00	0.00%	0.00	0.00%	1.97	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%	0.00	0.00%	0.00	0.00%	2.32	100.00%

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Price Creek Outfall Sewer

9/29/2009 14:43

Price Creek Outfall Sewer
Partners

Debt Service Allocation (Millions)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%
2009	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2010	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2011	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2012	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2013	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2014	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2015	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2016	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2017	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2018	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2019	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2020	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2021	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2022	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2023	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2024	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2025	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2026	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2027	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2028	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2029	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2030	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2031	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2032	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2033	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2034	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.053	100.00%
2035	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2036	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2037	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2038	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2039	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
2040	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%
total	\$ -		\$ -		\$ -		\$ 1.061		\$ -		\$ -		\$ 1.061	

Wastewater Flow														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.32	47.00%	0.36	53.00%	0.67	100.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.35	46.26%	0.40	53.74%	0.75	100.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.38	45.53%	0.46	54.47%	0.84	100.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.42	44.80%	0.52	55.20%	0.94	100.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.46	44.07%	0.59	55.93%	1.05	100.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.51	43.34%	0.67	56.66%	1.18	100.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	17.47%	0.57	35.48%	0.76	47.05%	1.61	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.56	28.14%	0.62	31.01%	0.82	40.84%	2.00	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.84	35.22%	0.67	28.07%	0.88	36.71%	2.40	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.13	40.14%	0.73	26.04%	0.95	33.82%	2.80	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	43.68%	0.79	24.59%	1.02	31.73%	3.22	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	46.27%	0.86	23.55%	1.10	30.18%	3.65	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	48.17%	0.93	22.80%	1.19	29.02%	4.09	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	50.31%	1.01	21.95%	1.28	27.74%	4.61	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	48.36%	1.10	22.90%	1.38	28.74%	4.79	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	46.42%	1.19	23.85%	1.48	29.73%	4.99	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%

Capital Cost (Millions) - Property, Design, Construction, Inspection

Debt Service (Millions)

Year	Phase I									Phase I	Phase II								Total
2009	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2010	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2011	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2013	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2015	\$ 2.637	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2021	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2022	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2025	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2026	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2027	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2028	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2029	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2030	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2031	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2032	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2033	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2034	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.233
2035	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2036	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2037	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2038	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2039	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.32	47.00%	0.36	53.00%	0.67	100.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.35	46.26%	0.40	53.74%	0.75	100.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.38	45.53%	0.46	54.47%	0.84	100.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.42	44.80%	0.52	55.20%	0.94	100.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.46	44.07%	0.59	55.93%	1.05	100.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.51	43.34%	0.67	56.66%	1.18	100.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	17.47%	0.57	35.48%	0.76	47.05%	1.61	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.56	28.14%	0.62	31.01%	0.82	40.84%	2.00	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.84	35.22%	0.67	28.07%	0.88	36.71%	2.40	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.13	40.14%	0.73	26.04%	0.95	33.82%	2.80	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.41	43.68%	0.79	24.59%	1.02	31.73%	3.22	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	46.27%	0.86	23.55%	1.10	30.18%	3.65	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.97	48.17%	0.93	22.80%	1.19	29.02%	4.09	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	50.31%	1.01	21.95%	1.28	27.74%	4.61	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	48.36%	1.10	22.90%	1.38	28.74%	4.79	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	46.42%	1.19	23.85%	1.48	29.73%	4.99	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.32	44.49%	1.29	24.80%	1.60	30.71%	5.21	100.00%

Debt Service Allocation (Millions)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%
2009	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	47.00%	\$ -	53.00%	\$ -	100.00%
2010	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	46.26%	\$ -	53.74%	\$ -	100.00%
2011	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	45.53%	\$ -	54.47%	\$ -	100.00%
2012	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	44.80%	\$ -	55.20%	\$ -	100.00%
2013	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	44.07%	\$ -	55.93%	\$ -	100.00%
2014	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	43.34%	\$ -	56.66%	\$ -	100.00%
2015	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.041	17.47%	\$ 0.083	35.48%	\$ 0.110	47.05%	\$ 0.233	100.00%
2016	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.066	28.14%	\$ 0.072	31.01%	\$ 0.095	40.84%	\$ 0.233	100.00%
2017	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.082	35.22%	\$ 0.065	28.07%	\$ 0.085	36.71%	\$ 0.233	100.00%
2018	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.093	40.14%	\$ 0.061	26.04%	\$ 0.079	33.82%	\$ 0.233	100.00%
2019	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.102	43.68%	\$ 0.057	24.59%	\$ 0.074	31.73%	\$ 0.233	100.00%
2020	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.108	46.27%	\$ 0.055	23.55%	\$ 0.070	30.18%	\$ 0.233	100.00%
2021	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.112	48.17%	\$ 0.053	22.80%	\$ 0.068	29.02%	\$ 0.233	100.00%
2022	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.117	50.31%	\$ 0.051	21.95%	\$ 0.065	27.74%	\$ 0.233	100.00%
2023	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.113	48.36%	\$ 0.053	22.90%	\$ 0.067	28.74%	\$ 0.233	100.00%
2024	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.108	46.42%	\$ 0.056	23.85%	\$ 0.069	29.73%	\$ 0.233	100.00%
2025	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2026	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2027	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2028	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2029	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2030	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2031	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2032	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2033	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2034	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.104	44.49%	\$ 0.058	24.80%	\$ 0.071	30.71%	\$ 0.233	100.00%
2035	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	44.49%	\$ -	24.80%	\$ -	30.71%	\$ -	100.00%
2036	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	44.49%	\$ -	24.80%	\$ -	30.71%	\$ -	100.00%
2037	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	44.49%	\$ -	24.80%	\$ -	30.71%	\$ -	100.00%
2038	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	44.49%	\$ -	24.80%	\$ -	30.71%	\$ -	100.00%
2039	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	44.49%	\$ -	24.80%	\$ -	30.71%	\$ -	100.00%
2040	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	44.49%	\$ -	24.80%	\$ -	30.71%	\$ -	100.00%
Total	\$ -		\$ -		\$ -		\$ 1.976		\$ 1.183		\$ 1.496		\$ 4.655	

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Bear Creek Trunk Sewer Parallel

9/29/2009 14:43

Bear Creek Trunk SewerParallel
Partners

Wastewater Flow															
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total		
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	68.96%	0.12	31.04%	0.40	100.00%	
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.58	69.16%	0.26	30.84%	0.84	100.00%	
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.91	69.27%	0.40	30.73%	1.31	100.00%	
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.26	69.37%	0.56	30.63%	1.82	100.00%	
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.65	69.46%	0.72	30.54%	2.37	100.00%	
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.06	69.55%	0.90	30.45%	2.96	100.00%	
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.51	69.64%	1.09	30.36%	3.61	100.00%	
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.00	69.73%	1.30	30.27%	4.30	100.00%	
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.53	69.83%	1.53	30.17%	5.06	100.00%	
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.11	69.92%	1.77	30.08%	5.87	100.00%	
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.73	70.01%	2.03	29.99%	6.75	100.00%	
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.40	70.10%	2.30	29.90%	7.71	100.00%	
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.14	70.20%	2.61	29.80%	8.74	100.00%	
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.93	70.30%	2.93	29.70%	9.86	100.00%	
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	7.36	69.20%	3.28	30.80%	10.64	100.00%	

Capital Cost (Millions) - Property, Design, Construction, Inspection										Debt Service (Millions)											
Year	Phase I									Phase I	Phase II									Total	
2009	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2010	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2011	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2012	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2013	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2014	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2015	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2016	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2017	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2018	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2019	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2020	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2021	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2022	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2023	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2024	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2025	\$	-	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2026	\$	3.175	\$	-	\$	-	\$	-	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2027	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2028	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2029	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2030	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2031	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2032	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2033	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2034	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2035	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2036	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2037	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2038	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2039	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280
2040	\$	-	\$	-	\$	-	\$	-	\$	0.280	\$	-	\$	-	\$	-	\$	-	\$	-	0.280

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	68.96%	0.12	31.04%	0.40	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.58	69.16%	0.26	30.84%	0.84	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.91	69.27%	0.40	30.73%	1.31	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.26	69.37%	0.56	30.63%	1.82	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.65	69.46%	0.72	30.54%	2.37	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.06	69.55%	0.90	30.45%	2.96	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.51	69.64%	1.09	30.36%	3.61	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.00	69.73%	1.30	30.27%	4.30	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.53	69.83%	1.53	30.17%	5.06	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.11	69.92%	1.77	30.08%	5.87	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	4.73	70.01%	2.03	29.99%	6.75	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	5.40	70.10%	2.30	29.90%	7.71	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.14	70.20%	2.61	29.80%	8.74	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.93	70.30%	2.93	29.70%	9.86	100.00%
									7.36	69.20%	3.28	30.80%	10.64	100.00%

Debt Service Allocation (Millions)															
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total		
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	
2009	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2010	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2011	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2012	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2013	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2014	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2015	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2016	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2017	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2018	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2019	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2020	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2021	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2022	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2023	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2024	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2025	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	
2026	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.193	68.96%	\$ 0.087	31.04%	\$ 0.280	100.00%	
2027	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.194	69.16%	\$ 0.086	30.84%	\$ 0.280	100.00%	
2028	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.194	69.27%	\$ 0.086	30.73%	\$ 0.280	100.00%	
2029	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.194	69.37%	\$ 0.086	30.63%	\$ 0.280	100.00%	
2030	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.195	69.46%	\$ 0.086	30.54%	\$ 0.280	100.00%	
2031	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.195	69.55%	\$ 0.085	30.45%	\$ 0.280	100.00%	
2032	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.195	69.64%	\$ 0.085	30.36%	\$ 0.280	100.00%	
2033	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.195	69.73%	\$ 0.085	30.27%	\$ 0.280	100.00%	
2034	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.196	69.83%	\$ 0.085	30.17%	\$ 0.280	100.00%	
2035	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.196	69.92%	\$ 0.084	30.08%	\$ 0.280	100.00%	
2036	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.196	70.01%	\$ 0.084	29.99%	\$ 0.280	100.00%	
2037	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.196	70.10%	\$ 0.084	29.90%	\$ 0.280	100.00%	
2038	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.197	70.20%	\$ 0.084	29.80%	\$ 0.280	100.00%	
2039	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.197	70.30%	\$ 0.083	29.70%	\$ 0.280	100.00%	
2040	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.194	69.20%	\$ 0.086	30.80%	\$ 0.280	100.00%	
Total	\$ -		\$ -		\$ -		\$ -		\$ 2.928		\$ 1.276		\$ 4.204		

Wastewater Flow														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.49	0.00%	0.00	0.00%	0.49	0.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.54	0.00%	0.00	0.00%	0.54	0.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.59	0.00%	0.00	0.00%	0.59	0.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.65	0.00%	0.00	0.00%	0.65	0.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.71	0.00%	0.00	0.00%	0.71	0.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.79	0.00%	0.00	0.00%	0.79	0.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.88	100.00%	0.00	0.00%	0.88	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.95	100.00%	0.00	0.00%	0.95	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.03	100.00%	0.00	0.00%	1.03	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.12	100.00%	0.00	0.00%	1.12	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.22	100.00%	0.00	0.00%	1.22	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.32	100.00%	0.00	0.00%	1.32	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.43	100.00%	0.00	0.00%	1.43	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.56	100.00%	0.00	0.00%	1.56	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%	0.00	0.00%	1.69	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.83	100.00%	0.00	0.00%	1.83	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.99	100.00%	0.00	0.00%	1.99	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%

Lavon WWTP Relief Sewer Partners

9/29/2009 14:43

[illegible]

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.49	0.00%	0.00	0.00%	0.49	0.00%
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.54	0.00%	0.00	0.00%	0.54	0.00%
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.59	0.00%	0.00	0.00%	0.59	0.00%
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.65	0.00%	0.00	0.00%	0.65	0.00%
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.71	0.00%	0.00	0.00%	0.71	0.00%
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.79	0.00%	0.00	0.00%	0.79	0.00%
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.88	100.00%	0.00	0.00%	0.88	100.00%
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.95	100.00%	0.00	0.00%	0.95	100.00%
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.03	100.00%	0.00	0.00%	1.03	100.00%
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.12	100.00%	0.00	0.00%	1.12	100.00%
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.22	100.00%	0.00	0.00%	1.22	100.00%
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.32	100.00%	0.00	0.00%	1.32	100.00%
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.43	100.00%	0.00	0.00%	1.43	100.00%
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.56	100.00%	0.00	0.00%	1.56	100.00%
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.69	100.00%	0.00	0.00%	1.69	100.00%
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.83	100.00%	0.00	0.00%	1.83	100.00%
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	1.99	100.00%	0.00	0.00%	1.99	100.00%
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	2.00	100.00%	0.00	0.00%	2.00	100.00%

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Lavon WWTP Relief Sewer

9/29/2009 14:43

Lavon WWTP Relief Sewer
Partners

Debt Service Allocation (Millions)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%
2009	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2010	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2011	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2012	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2013	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2014	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%
2015	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2016	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2017	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2018	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2019	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2020	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2021	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2022	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2023	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2024	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2025	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2026	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2027	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2028	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2029	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2030	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2031	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2032	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2033	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2034	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.021	100.00%	\$ -	0.00%	\$ 0.021	100.00%
2035	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	100.00%
2036	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	100.00%
2037	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	100.00%
2038	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	100.00%
2039	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	100.00%
2040	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	100.00%	\$ -	0.00%	\$ -	100.00%
total	\$ -		\$ -		\$ -		\$ -		\$ 0.411		\$ -		\$ 0.411	

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Bear Creek WWTP

1/29/2010 14:37

Bear Creek WWTP
Partners

Wastewater Flow															WWTP Capacity (mgd)	
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total		Total	Excess
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%		
2009	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.27	69.24%	0.12	30.76%	0.39	100.00%	0.000	-0.387
2010	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.29	68.61%	0.13	31.39%	0.43	100.00%	0.000	-0.430
2011	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.32	67.97%	0.15	32.03%	0.48	100.00%	0.000	-0.477
2012	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.36	67.32%	0.17	32.68%	0.53	100.00%	0.000	-0.530
2013	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.39	66.67%	0.20	33.33%	0.59	100.00%	0.000	-0.589
2014	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.43	66.01%	0.22	33.99%	0.65	100.00%	0.000	-0.654
2015	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.09	11.30%	0.48	58.26%	0.25	30.44%	0.83	100.00%	2.500	1.670
2016	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.19	19.05%	0.52	53.30%	0.27	27.65%	0.98	100.00%	2.500	1.516
2017	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.28	24.60%	0.57	49.76%	0.29	25.64%	1.14	100.00%	2.500	1.357
2018	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.38	28.66%	0.62	47.19%	0.32	24.15%	1.31	100.00%	2.500	1.192
2019	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.47	31.69%	0.67	45.29%	0.34	23.02%	1.48	100.00%	2.500	1.021
2020	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.56	33.96%	0.73	43.88%	0.37	22.15%	1.66	100.00%	2.500	0.844
2021	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.66	35.66%	0.79	42.85%	0.40	21.48%	1.84	100.00%	2.500	0.660
2022	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	37.61%	0.86	41.65%	0.43	20.74%	2.05	100.00%	2.500	0.446
2023	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	35.76%	0.93	42.98%	0.46	21.26%	2.16	100.00%	2.500	0.340
2024	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	33.96%	1.01	44.29%	0.49	21.75%	2.27	100.00%	2.500	0.225
2025	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	32.21%	1.09	45.57%	0.53	22.23%	2.40	100.00%	6.500	4.101
2026	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	30.50%	1.19	46.82%	0.57	22.68%	2.53	100.00%	6.500	3.967
2027	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	28.84%	1.29	48.04%	0.62	23.12%	2.68	100.00%	6.500	3.822
2028	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	27.24%	1.40	49.23%	0.67	23.53%	2.84	100.00%	6.500	3.664
2029	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	25.70%	1.51	50.39%	0.72	23.92%	3.01	100.00%	6.500	3.494
2030	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	24.22%	1.64	51.50%	0.77	24.28%	3.19	100.00%	6.500	3.311
2031	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	22.81%	1.78	52.58%	0.83	24.62%	3.39	100.00%	6.500	3.113
2032	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	21.45%	1.93	53.62%	0.90	24.94%	3.60	100.00%	6.500	2.898
2033	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	20.15%	2.09	54.62%	0.97	25.23%	3.83	100.00%	6.500	2.666
2034	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	18.91%	2.27	55.59%	1.04	25.50%	4.08	100.00%	6.500	2.415
2035	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	17.73%	2.46	56.52%	1.12	25.75%	4.36	100.00%	6.500	2.143
2036	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	16.61%	2.67	57.41%	1.21	25.98%	4.65	100.00%	6.500	1.849
2037	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	15.55%	2.90	58.27%	1.30	26.19%	4.97	100.00%	6.500	1.531
2038	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	14.54%	3.14	59.08%	1.40	26.38%	5.31	100.00%	6.500	1.187
2039	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	13.59%	3.40	59.87%	1.51	26.54%	5.69	100.00%	6.500	0.814
2040	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.77	12.99%	3.55	59.67%	1.63	27.34%	5.95	100.00%	6.500	0.553

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Bear Creek WWTP

1/29/2010 14:37

Bear Creek WWTP
Partners

Capital Cost (Millions) - Property, Design, Construction, Inspection

Year	2.5 mgd Initial	4.0 mgd Expansion	_____ mgd Expansion	_____ mgd Expansion	_____ mgd Expansion	_____ mgd Expansion
2009	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2010	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2011	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2013	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2015	\$ 11.000	\$ -	\$ -	\$ -	\$ -	\$ -
2016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2021	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2025	\$ -	\$ 16.000	\$ -	\$ -	\$ -	\$ -
2026	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2027	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2028	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2029	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2030	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2031	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2032	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2033	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2034	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2035	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2036	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2037	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2038	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2039	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Debt Service (Millions)

2.5 mgd Initial	4.0 mgd Expansion	_____ mgd Expansion	_____ mgd Expansion	_____ mgd Expansion	_____ mgd Expansion	_____ mgd Expansion	_____ mgd Expansion	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.971
\$ 0.971	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.383
\$ 0.971	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.383
\$ 0.971	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.383
\$ 0.971	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.383
\$ 0.971	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.383
\$ 0.971	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.383
\$ 0.971	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.383
\$ 0.971	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.383
\$ -	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.412
\$ -	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.412
\$ -	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.412
\$ -	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.412
\$ -	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.412
\$ -	\$ 1.412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.412

Based on 20 Yr / 5% Amortization of Capital Cost plus 10% Financial Costs.

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Bear Creek WWTP

1/29/2010 14:37

Bear Creek WWTP
Partners

Debt Service Allocation (Percentage)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%	mgd	%
2009	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.268	69.24%	0.12	30.76%	0.39	100.00%
2010	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.295	68.61%	0.13	31.39%	0.43	100.00%
2011	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.324	67.97%	0.15	32.03%	0.48	100.00%
2012	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.357	67.32%	0.17	32.68%	0.53	100.00%
2013	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.393	66.67%	0.20	33.33%	0.59	100.00%
2014	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.432	66.01%	0.22	33.99%	0.65	100.00%
2015	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.09	11.30%	0.483	58.26%	0.25	30.44%	0.83	100.00%
2016	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.19	19.05%	0.524	53.30%	0.27	27.65%	0.98	100.00%
2017	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.28	24.60%	0.569	49.76%	0.29	25.64%	1.14	100.00%
2018	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.38	28.66%	0.617	47.19%	0.32	24.15%	1.31	100.00%
2019	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.47	31.69%	0.670	45.29%	0.34	23.02%	1.48	100.00%
2020	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.56	33.96%	0.727	43.88%	0.37	22.15%	1.66	100.00%
2021	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.66	35.66%	0.789	42.85%	0.40	21.48%	1.84	100.00%
2022	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	37.61%	0.856	41.65%	0.43	20.74%	2.05	100.00%
2023	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	35.76%	0.928	42.98%	0.46	21.26%	2.16	100.00%
2024	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	33.96%	1.007	44.29%	0.49	21.75%	2.27	100.00%
2025	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	32.21%	1.093	45.57%	0.53	22.23%	2.40	100.00%
2026	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	30.50%	1.186	46.82%	0.57	22.68%	2.53	100.00%
2027	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	28.84%	1.287	48.04%	0.62	23.12%	2.68	100.00%
2028	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	27.24%	1.396	49.23%	0.67	23.53%	2.84	100.00%
2029	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	25.70%	1.515	50.39%	0.72	23.92%	3.01	100.00%
2030	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	24.22%	1.642	51.50%	0.77	24.28%	3.19	100.00%
2031	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	22.81%	1.781	52.58%	0.83	24.62%	3.39	100.00%
2032	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	21.45%	1.931	53.62%	0.90	24.94%	3.60	100.00%
2033	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	20.15%	2.094	54.62%	0.97	25.23%	3.83	100.00%
2034	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	18.91%	2.271	55.59%	1.04	25.50%	4.08	100.00%
2035	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	17.73%	2.462	56.52%	1.12	25.75%	4.36	100.00%
2036	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	16.61%	2.670	57.41%	1.21	25.98%	4.65	100.00%
2037	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	15.55%	2.895	58.27%	1.30	26.19%	4.97	100.00%
2038	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	14.54%	3.139	59.08%	1.40	26.38%	5.31	100.00%
2039	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	13.59%	3.404	59.87%	1.51	26.54%	5.69	100.00%
2040	0.000	0.00%	0.00	0.00%	0.00	0.00%	0.77	12.99%	3.549	59.67%	1.63	27.34%	5.95	100.00%

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Bear Creek WWTP

1/29/2010 14:37

Bear Creek WWTP
Partners

Debt Service Allocation (Millions)														
Year	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%	Cost	%
2009	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	69.24%	\$ -	30.76%	\$ -	100.00%
2010	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	68.61%	\$ -	31.39%	\$ -	100.00%
2011	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	67.97%	\$ -	32.03%	\$ -	100.00%
2012	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	67.32%	\$ -	32.68%	\$ -	100.00%
2013	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	66.67%	\$ -	33.33%	\$ -	100.00%
2014	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	66.01%	\$ -	33.99%	\$ -	100.00%
2015	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.110	11.30%	\$ 0.566	58.26%	\$ 0.295	30.44%	\$ 0.971	100.00%
2016	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.185	19.05%	\$ 0.517	53.30%	\$ 0.268	27.65%	\$ 0.971	100.00%
2017	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.239	24.60%	\$ 0.483	49.76%	\$ 0.249	25.64%	\$ 0.971	100.00%
2018	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.278	28.66%	\$ 0.458	47.19%	\$ 0.234	24.15%	\$ 0.971	100.00%
2019	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.308	31.69%	\$ 0.440	45.29%	\$ 0.223	23.02%	\$ 0.971	100.00%
2020	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.330	33.96%	\$ 0.426	43.88%	\$ 0.215	22.15%	\$ 0.971	100.00%
2021	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.346	35.66%	\$ 0.416	42.85%	\$ 0.209	21.48%	\$ 0.971	100.00%
2022	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.365	37.61%	\$ 0.404	41.65%	\$ 0.201	20.74%	\$ 0.971	100.00%
2023	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.347	35.76%	\$ 0.417	42.98%	\$ 0.206	21.26%	\$ 0.971	100.00%
2024	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.330	33.96%	\$ 0.430	44.29%	\$ 0.211	21.75%	\$ 0.971	100.00%
2025	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.768	32.21%	\$ 1.086	45.57%	\$ 0.530	22.23%	\$ 2.383	100.00%
2026	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.727	30.50%	\$ 1.116	46.82%	\$ 0.541	22.68%	\$ 2.383	100.00%
2027	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.687	28.84%	\$ 1.145	48.04%	\$ 0.551	23.12%	\$ 2.383	100.00%
2028	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.649	27.24%	\$ 1.173	49.23%	\$ 0.561	23.53%	\$ 2.383	100.00%
2029	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.612	25.70%	\$ 1.201	50.39%	\$ 0.570	23.92%	\$ 2.383	100.00%
2030	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.577	24.22%	\$ 1.227	51.50%	\$ 0.579	24.28%	\$ 2.383	100.00%
2031	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.543	22.81%	\$ 1.253	52.58%	\$ 0.587	24.62%	\$ 2.383	100.00%
2032	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.511	21.45%	\$ 1.278	53.62%	\$ 0.594	24.94%	\$ 2.383	100.00%
2033	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.480	20.15%	\$ 1.302	54.62%	\$ 0.601	25.23%	\$ 2.383	100.00%
2034	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.451	18.91%	\$ 1.325	55.59%	\$ 0.608	25.50%	\$ 2.383	100.00%
2035	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.250	17.73%	\$ 0.798	56.52%	\$ 0.364	25.75%	\$ 1.412	100.00%
2036	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.235	16.61%	\$ 0.811	57.41%	\$ 0.367	25.98%	\$ 1.412	100.00%
2037	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.220	15.55%	\$ 0.823	58.27%	\$ 0.370	26.19%	\$ 1.412	100.00%
2038	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.205	14.54%	\$ 0.834	59.08%	\$ 0.372	26.38%	\$ 1.412	100.00%
2039	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.192	13.59%	\$ 0.845	59.87%	\$ 0.375	26.54%	\$ 1.412	100.00%
2040	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 0.183	12.99%	\$ 0.843	59.67%	\$ 0.386	27.34%	\$ 1.412	100.00%
Total	\$ -		\$ -		\$ -		\$ 10.129		\$ 21.617		\$ 10.267		\$ 42.013	

North Texas Municipal Water District
Lavon Lake East Side Regional Wastewater System - Debt Service Summary

1/29/2010 14:37

Debt Service
Summary

Debt Service Summary (Millions)														
	Farmersville		FIP		Wylie		WY Atlantis		Lavon		Nevada		Total	
Year	Annual Cost	%	Annual Cost	%	Annual Cost	%	Annual Cost	%	Annual Cost	%	Annual Cost	%	Annual Cost	%
2009	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%
2010	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%
2011	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%
2012	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%
2013	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%
2014	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%	\$0.000	0.00%
2015	\$0.977	34.46%	\$0.045	1.61%	\$0.429	15.12%	\$0.310	10.93%	\$0.669	23.60%	\$0.405	14.29%	\$2.834	100.00%
2016	\$0.919	32.44%	\$0.139	4.90%	\$0.392	13.84%	\$0.410	14.46%	\$0.610	21.53%	\$0.364	12.83%	\$2.834	100.00%
2017	\$0.866	30.55%	\$0.225	7.94%	\$0.360	12.69%	\$0.480	16.94%	\$0.569	20.08%	\$0.334	11.80%	\$2.834	100.00%
2018	\$0.817	28.84%	\$0.302	10.65%	\$0.331	11.69%	\$0.531	18.74%	\$0.539	19.03%	\$0.313	11.05%	\$2.834	100.00%
2019	\$0.798	28.15%	\$0.335	11.83%	\$0.318	11.20%	\$0.569	20.07%	\$0.518	18.26%	\$0.297	10.49%	\$2.834	100.00%
2020	\$0.787	27.76%	\$0.356	12.55%	\$0.308	10.88%	\$0.597	21.06%	\$0.501	17.69%	\$0.285	10.07%	\$2.834	100.00%
2021	\$0.795	28.06%	\$0.359	12.66%	\$0.297	10.46%	\$0.618	21.79%	\$0.490	17.28%	\$0.276	9.74%	\$2.834	100.00%
2022	\$0.818	28.86%	\$0.340	11.99%	\$0.293	10.33%	\$0.642	22.64%	\$0.476	16.80%	\$0.266	9.38%	\$2.834	100.00%
2023	\$0.838	29.58%	\$0.323	11.38%	\$0.290	10.22%	\$0.619	21.84%	\$0.491	17.33%	\$0.273	9.64%	\$2.834	100.00%
2024	\$0.857	30.24%	\$0.307	10.84%	\$0.287	10.11%	\$0.597	21.07%	\$0.506	17.85%	\$0.280	9.89%	\$2.834	100.00%
2025	\$0.874	20.58%	\$0.293	6.90%	\$0.284	6.68%	\$1.030	24.27%	\$1.164	27.42%	\$0.601	14.16%	\$4.246	100.00%
2026	\$0.884	19.52%	\$0.284	6.27%	\$0.283	6.26%	\$0.990	21.86%	\$1.387	30.65%	\$0.699	15.44%	\$4.527	100.00%
2027	\$0.893	19.72%	\$0.275	6.07%	\$0.283	6.25%	\$0.950	20.99%	\$1.417	31.30%	\$0.709	15.66%	\$4.527	100.00%
2028	\$0.901	19.91%	\$0.267	5.89%	\$0.283	6.25%	\$0.912	20.15%	\$1.446	31.94%	\$0.718	15.87%	\$4.527	100.00%
2029	\$1.107	22.69%	\$0.353	7.23%	\$0.343	7.04%	\$0.875	17.94%	\$1.473	30.20%	\$0.727	14.90%	\$4.880	100.00%
2030	\$1.118	22.91%	\$0.343	7.03%	\$0.343	7.03%	\$0.840	17.22%	\$1.500	30.74%	\$0.736	15.08%	\$4.880	100.00%
2031	\$1.132	23.19%	\$0.335	6.86%	\$0.338	6.92%	\$0.806	16.53%	\$1.526	31.28%	\$0.743	15.24%	\$4.880	100.00%
2032	\$1.145	23.47%	\$0.326	6.69%	\$0.332	6.81%	\$0.774	15.86%	\$1.551	31.79%	\$0.751	15.39%	\$4.880	100.00%
2033	\$1.159	23.75%	\$0.318	6.52%	\$0.327	6.69%	\$0.743	15.23%	\$1.575	32.28%	\$0.758	15.52%	\$4.880	100.00%
2034	\$1.172	24.03%	\$0.310	6.35%	\$0.321	6.58%	\$0.714	14.62%	\$1.599	32.76%	\$0.764	15.65%	\$4.880	100.00%
2035	\$0.219	10.71%	\$0.081	3.94%	\$0.054	2.62%	\$0.250	12.24%	\$0.994	48.60%	\$0.448	21.90%	\$2.046	100.00%
2036	\$0.223	10.88%	\$0.078	3.83%	\$0.052	2.55%	\$0.235	11.47%	\$1.007	49.23%	\$0.451	22.04%	\$2.046	100.00%
2037	\$0.226	11.05%	\$0.076	3.73%	\$0.051	2.48%	\$0.220	10.73%	\$1.019	49.83%	\$0.454	22.18%	\$2.046	100.00%
2038	\$0.229	11.22%	\$0.074	3.63%	\$0.049	2.41%	\$0.205	10.04%	\$1.031	50.41%	\$0.456	22.29%	\$2.046	100.00%
2039	\$0.233	11.38%	\$0.072	3.53%	\$0.048	2.35%	\$0.192	9.38%	\$1.042	50.96%	\$0.458	22.40%	\$2.046	100.00%
2040	\$0.236	11.55%	\$0.070	3.43%	\$0.047	2.28%	\$0.183	8.97%	\$1.037	50.68%	\$0.472	23.09%	\$2.046	100.00%
Total	\$20.223		\$6.286		\$6.741		\$15.292		\$26.139		\$13.039		\$87.719	

Attachment 2

LOWERRE, FREDERICK, PERALES,
ALLMON & ROCKWELL

Attorneys at Law

707 Rio Grande, Suite 200

Austin, Texas 78701

(512) 469-6000 • (512) 482-9346 (facsimile)

March 30, 2010

Judd Sanderson
Open Records Coordinator
North Texas Municipal Water District
P.O. Box 2408
Wylie, Texas 75098
(972) 295-6440 (fax)

via fax

Re: Public Information Request.

To Whom It May Concern:

Please consider this a formal open records request pursuant to Texas Government Code Chapter 552 for the public information described below.

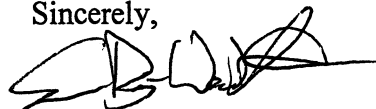
We are requesting any final version or latest draft Feasibility Study ("Study"). This Study is identified in the attached "Agreement for Engineering Services" ("Agreement"), page one paragraph two.

If any of the requested information is withheld due to an exception to Chapter 552, please segregate the withheld information and provide us with the remaining documents until the Attorney General determines the withheld information's availability.

Furthermore, if any of these documents are available to you in electronic format, please e-mail them to the address listed below. An electronic copy of any documents would be preferable prior to receiving a hard-copy.

If you have any questions, do not hesitate to call.

Sincerely,



Samuel Day-Woodruff
sam@lf-lawfirm.com

AGREEMENT FOR ENGINEERING SERVICES

STATE OF TEXAS §

COUNTY OF COLLIN §

This Agreement made, entered into and executed this the 12th day of FEBRUARY 2001 by and between the NORTH TEXAS MUNICIPAL WATER DISTRICT of Wylie, Texas, hereinafter called the "District" acting herein by and through its officers, duly authorized to so act and BIRKHOFF, HENDRICKS & CONWAY, L.L.P., hereinafter called the "Engineer" acting herein, by and through its representative, duly authorized to so act for and in behalf of said Engineer.

WITNESSETH, that whereas the District intends to develop a Regional Wastewater Feasibility Study, Lavon Lake East Side Regional Wastewater System (LLESRWWS) Project # WAF 1666, hereinafter referred to as the "Project".

NOW, THEREFORE, the District and the Engineer in consideration of the mutual covenants and agreements herein contained do mutually agree as follows:

SECTION I

EMPLOYMENT OF ENGINEER

The District agrees to employ the Engineer, and the Engineer agrees to perform professional engineering services in connection with the Project as stated in the sections to follow, and for having rendered such services, the District agrees to pay to the Engineer compensation as stated in the sections to follow.

SECTION II

PERIOD OF SERVICE

This agreement shall become effective upon execution by the District and the Engineer and shall remain in force for the period, which may reasonably be required for the development of the Wastewater Feasibility Study, including extra services and any required extensions approved by the District.

SECTION III

BASIC SERVICES

The Engineer shall render the following professional services necessary for the development of the Project.

SCOPE OF SERVICES

The Scope of Services covered by Basic Services for the Project shall be as indicated in Attachment A.

SECTION IV

ADDITIONAL SERVICES

Additional services to be performed by the Engineer, if authorized by the District, which are not included in the above described basic services, are described as follows:

1. Investigations involving detailed consideration of operation, maintenance and overhead expenses, and the preparation of rate schedules, earnings and expense statements, feasibility studies, appraisals, evaluations, assessment schedules, and material audits or inventories required for certification of force account construction performed by the District;
2. Preparing of applications and supporting documents for governmental grants, loans, or planning advances and providing data for detailed applications;

TRANSACTION REPORT

P. 01

MAR-30-2010 TUE 02:47 PM

FOR: LOWERRE FREDERICK PERALE 5124829346

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAR-30	02:46 PM	9722956440	58"	3	FAX TX	OK	799	

TOTAL : 58S PAGES: 3

LOWERRE, FREDERICK, PERALES, ALLMON & ROCKWELL

707 Rio Grande, Suite 200
Austin, TX 78701
(512) 469-6000 Phone
(512) 482-9346 FAX

FAX COVER SHEET

FAX NUMBER TRANSMITTED TO:

To: Judd Sanderson

(972)295-6440

From: Sam Day-Woodruff

Date: ~~September 16, 2009~~

March 30, 2010

Public Information Request re: Feasibility Study

2

CONFIDENTIALITY NOTICE: This message is intended for the use of the individual or entity to which it is addressed. This message consists of information from LOWERRE & FREDERICK and may be privileged, confidential and exempt from disclosure by law. Unauthorized distribution or copying of this information is prohibited. If you have received this communication in error, please notify us immediately at our telephone number listed above. We will promptly arrange for the return of the message to us.

PLEASE CALL 512.469.6000 AS SOON AS POSSIBLE IF ALL PAGES ARE NOT RECEIVED OR IF THERE ARE ANY OTHER PROBLEMS WITH THE TRANSMITTAL OF THIS FAX.

Attachment 3

YAHOO! SMALL BUSINESS**Certification of Feasibility Study**

Friday, April 9, 2010 4:00 PM

From: "Terina Turner" <tturner@NTMWD.COM>**To:** "sam@lf-lawfirm.com" <sam@lf-lawfirm.com>**Cc:** "Judd Sanderson" <jsanderson@NTMWD.COM>

1 File (1KB)

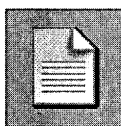


image001.jpg

Mr. Woodruff,

This is to certify that the Feasibility Study provided to you on April 5, 2010 in response to an Open Records Request is a true and correct copy per the certification of the engineer.

Regards,

Terina Turner
Records Supervisor
North Texas Municipal Water District
972-442-5405, ext 214
tturner@ntmwd.com



cid:

Please consider the environment before printing this email.